

2007 Annual Groundwater Sampling and NAPL Monitoring/Recovery Report for the Hempstead Intersection Street Former Manufactured Gas Plant Site Villages of Garden City & Hempstead



Prepared for:

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URS

February 2008

2007 ANNUAL GROUNDWATER SAMPLING AND NAPL MONITORING/RECOVERY REPORT

HEMPSTEAD INTERSECTION STREET FORMER MGP SITE VILLAGES OF GARDEN CITY AND HEMPSTEAD LONG ISLAND, NEW YORK

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HEMPSTEAD INTERSECTION STREET

TABLE OF CONTENTS

		Page No.	<u>).</u>
1.0	INTRO	DUCTION	1
2.0	FIELD	INVESTIGATION ACTIVITIES	1
	2.1	Ground Water Level and Product Thickness	2
	2.2	Ground Water Sampling	2
	2.3	Product Recovery	3
3.0	RESUI	_TS	4
	3.1	Potentiometric Heads and Product Thickness	
	3.2	Groundwater Analytical Results	4
	3.3	Product Recovery Volumes	
	3.4	Properties of Free Product	5
4.0	DATA	SUMMARY AND INTERPRETATION	6
		TABLES	
		(Following Text)	
Table 1	1	2007 Summary of Field Activities	
Table 2	2	Groundwater and Product Measurements	
Table 3	3	Dissolved-Phase Concentrations of Total BTEX and Total PAH Compounds	
Table 4	4	Miscellaneous Parameters	
Table 5	5	Product Recovery	

FIGURES

(Following Tables)

Figure 1	Site Location Map
Figure 2	Site Map
Figure 3	Potentiometric Surface Map for Shallow Groundwater, October 15-23, 2007
Figure 4	Potentiometric Surface Map for Intermediate Groundwater, October 15-23, 2007
Figure 5	Potentiometric Surface Map for Deep Groundwater, October 15-23, 2007
Figure 6	Potentiometric Surface Map for Shallow Groundwater, July 15, 2007
Figure 7	Potentiometric Surface Map for Intermediate Groundwater, July 15, 2007
Figure 8	Potentiometric Surface Map for Deep Groundwater, July 15, 2007
Figure 9	Potentiometric Surface Map for Shallow Groundwater, April 15, 2007
Figure 10	Potentiometric Surface Map for Intermediate Groundwater, April 15, 2007
Figure 11	Potentiometric Surface Map for Deep Groundwater, April 15, 2007
Figure 12	Free Product Thickness, October 2007
Figure 13	Free Product Thickness, July 15, 2007
Figure 14	Free Product Thickness, April 15, 2007
Figure 15	Total Dissolved-Phase BTEX and PAH Concentrations, October 15-23, 2007
Figure 16	Total Dissolved-Phase BTEX and PAH Concentrations, July 24 - August 6, 2007
Figure 17	Total Dissolved-Phase BTEX and PAH Concentrations, April 4-17, 2007
Figure 18	Free Product Thickness vs Time – LNAPL
Figure 19	Free Product Thickness vs Time – DNAPL – High levels
Figure 20	Free Product Thickness vs Time – DNAPL _ Low levels
Figure 21	Extent of Dissolved-Phase Plume, October 15-23, 2007
Figure 22	Extent of Dissolved-Phase Plume, July 24 - August 6, 2007
Figure 23	Extent of Dissolved-Phase Plume, April 4-17, 2007

ATTACHMENTS

(Following Figures)

Attachment A Data Usability Summary Report, Fourth Quarter 2007

Attachment B Properties of Free Product

1.0 INTRODUCTION

This report summarizes the potentiometric head measurements, product thickness measurements, and ground water quality sampling performed in the second, third and fourth quarters of 2007 at the Hempstead Intersection Street Former MGP Site (Site). In addition, it presents results of the free product recovery activities conducted throughout 2007.

The Site location is shown on Figures 1 and 2.

The URS quarterly data acquisition effort for the Site was initiated in April 2007. The objective of the quarterly rounds of sampling is to establish the current baseline of groundwater quality within the area covered by the existing network of monitoring wells installed as part of the Remedial Investigation. A quarterly report covering the second and third quarters of 2007 was issued by URS in November 2007 (*Groundwater Sampling and NAPL Monitoring/Recovery Report for the Second and Third Quarters of 2007*, URS Corporation, November 2007). Results of the fourth quarter activities have not been presented in a separate quarterly report, instead, they are included in this annual report.

In addition to presenting data acquired by URS in 2007, the report also includes a summary of the previous groundwater quality sampling and product recovery efforts, conducted by others in 2001 and 2003.

2.0 FIELD INVESTIGATION ACTIVITIES

The field activities performed by URS consisted of the following tasks:

- Measuring water and product levels in the Site's monitoring wells.
- Collecting samples of ground water from the Site's monitoring wells.
- Recovering product from accessible monitoring wells that contain measurable product.

See Table 1 for the list of wells included in the field activities.

2.1 Ground Water Level and Product Thickness

Depth to groundwater is measured with a manual water level indicator. Measurements of product thickness are performed using two methods: an oil/water interface probe and a weighted string coated with oil indicator paste.

During the second and third quarters, measurements were taken in all accessible Site monitoring wells. During the fourth quarter, measurements were conducted only in those wells where groundwater quality samples were collected, as part of the purging activities performed prior to sampling.

Wells used for the water/product monitoring are listed in Table 1. Depths to groundwater and the product thicknesses were measured in 53 monitoring wells during the second quarter (April 15, 2007), 50 wells during the third quarter (July 15, 2007) and 19 wells during the fourth quarter (October 15 - 23, 2007).

2.2 Ground Water Sampling

Low-flow groundwater sampling methods and procedures are used to sample the monitoring wells in this period. Low-flow sampling involves a relatively low (between 250 and 500 milliliters a minute) known fixed pumping rate established by the sampler. This is accomplished using a Grundfos Redi-Flow 2 pump that includes a regulator to control the power output of the pump, and also controls the flow rate. The flow rate is established by timing the flow into a graduated cylinder over a known unit of time. Low-flow sampling also involves monitoring several water quality parameters for stabilization. These parameters include; pH, conductivity, turbidity, dissolved oxygen (DO), and oxidation reduction potential (ORP). Stabilization is achieved when three consecutive readings over a fixed time period (15 minutes in this case) are consistent within a given percent (usually 10 percent). Once stabilization has occurred, analytical sampling can begin.

All activities reported in this summary report are conducted under a Health and Safety Plan developed in accordance with Occupational Safety and Health Administration (OSHA) requirements. Groundwater sampling is performed using modified Level D Health and Safety personal protective equipment (PPE).

Only wells without free product are included in this quarterly sampling program. During the pre-sampling purging activities, measurements are taken to confirm that product is not present.

In 2007, groundwater samples were collected from 46 wells during the second and third quarters (April 4 - 17, 2007 and July 24 - August 6, 2007, respectively), and from 18 wells during the fourth quarter (October 15 - 23, 2007). The wells are listed in Table 1.

2.3 Product Recovery

Recovery of dense non-aqueous phase liquid (DNAPL) from the wells at the site is conducted using the appropriate PPE. First, all accessible wells included in the recovery program are gauged using an oil/water interface probe. Gauging the wells is used to determine the depth to water, depth and thickness to any possible light non-aqueous phase liquid (LNAPL) at the top of the water column, and depth and thickness to possible DNAPL at the bottom of the water column. Wells found to contain DNAPL are also gauged with a weighted cotton string to confirm product level measurements. A Hammerhead pump is used to pump water and product from the bottom of the DNAPL-containing wells. Wells that do not contain DNAPL are not pumped. The Hammerhead pump uses compressed air (powered by a generator) to push water and product up the well through polyethylene tubing and into a container. Following that, the mixture is transferred from the container into a 55-gallon steel drum for subsequent disposal.

The quantity of the recovered product is estimated as the volume of product contained inside the well prior to pumping, based on the cross sectional area of the well screen multiplied by the measured NAPL thickness. Note that previously, the total volume of liquid pumped out of the well (both product and water) was reported. However, based on the experience acquired during the course of the program, the current method of using the in-well volume of NAPL appears to be more representative.

Unlike the monitoring of water and product levels, and the water quality sampling, product recovery is not conducted on a quarterly schedule. Instead, product is recovered once to twice each month, as shown in Table 1.

3.0 RESULTS

This section presents results of the second, third and fourth quarter 2007 monitoring of the potentiometric heads, product thickness and groundwater quality sampling, as well as the results of the free product recovery efforts conducted throughout 2007.

3.1 Potentiometric Heads and Product Thickness

The depths to groundwater are presented in Table 2. Table 2 also contains potentiometric heads, including the calculation of the fluctuation observed in all monitoring wells throughout 2007. Correction of the potentiometric heads for the presence of LNAPL is performed in all wells where a layer of floating product has been found. The correction is based on the thickness of the floating product layer and the product density obtained from a product characterization sampling effort.

The potentiometric heads have been used to develop three contour maps for each quarterly round of sampling: the shallow ground water (wells screened up to 45 feet below ground surface, or bgs), intermediate ground water (wells screened between 45 and 95 feet bgs) and the deep ground water (wells screened at depths greater than 95 feet bgs). These contour maps are presented in Figures 3 through 5 (October 15 - 23, 2007; fourth quarter), Figures 6 though 8 (July 15, 2007; third quarter) and Figures 9 through 11 (April 15, 2007; second quarter).

As indicated previously, the full round of water/product measurements was not conducted during the fourth quarter. Water levels were measured only in the 19 wells that were used for the fourth quarter groundwater quality sampling round (October 15 - 23, 2007). Those wells did not contain product. However, information about product thickness is available for the product recovery activities that occurred on the 4th and 25th of October. By combining the data from the quarterly product/water monitoring round (October 15 - 23, 2007) and from the October 25, 2007 product recovery event, a fourth quarter product thickness map (Figure 12) was constructed. Product thickness maps for the third and second quarters, based on full monitoring rounds of July 15, 2007 and April 15, 2007, respectively, are shown on Figures 13 and 14.

3.2 Groundwater Analytical Results

Historically, the dissolved-phase contamination at this site has been defined by means of the total concentration of benzene, toluene, ethylbenzene and xylene (BTEX) and total <code>J:\III175065.00000\WORD\DRAFT\Quarterly&Annual Data Reports\Hempstead_2007_Annual_Data_Report.doc</code>

concentration of the polycyclic aromatic hydrocarbons (PAH). The BTEX and PAH data for the fourth quarter (October 15 - 23, 2007), third quarter (July 24 - August 6, 2007) and second quarter (April 4 - 17, 2007) sampling are summarized in Table 3, and presented on Figures 15 through 17, respectively. Table 3 also contains results of previous sampling rounds, included for the purpose of comparison.

Analytical results for the other miscellaneous parameters are presented in Table 4. These parameters of alkalinity, nitrite, nitrate, sulfate, heterotrophic plate count, total iron, dissolved iron, carbon dioxide and methane were obtained from seventeen wells during the second and third quarter sampling events.

Quarterly Data Usability Summary Reports (DUSRs) were prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation Draft DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for the Development of Data Usability Summary Reports, December 2002. The DUSRs are included in this report as Attachment A (provided only in the electronic version of this report). A limited data validation was performed on the samples collected following the guidelines in USEPA Region II documents. The review included a review of holding times; completeness of all required deliverables; quality control (QC) results (blanks, instrument tunes, calibration standards, matrix spike recoveries, duplicate analyses, and laboratory control sample recoveries) to determine if the data are within the protocol-required QC limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

3.3 **Product Recovery Volumes**

Volume of product recovered is presented in Table 5. Product thicknesses over time, as observed in the recovery wells prior to the recovery events, are presented in Figures 18 through 20.

3.4 Properties of Free Product

NAPL recovered from nine monitoring wells and one piezometer in the first half of 2007 was analyzed for density and viscosity by an outside laboratory, with the results presented in

Attachment B. Wells HIMW-006S, HIMW-007S, HIMW-016S, HIMW-016I, HIMW-017S, HIMW-018S, HIMW-019S, and PZ-08 contained DNAPL, while both LNAPL and DNAPL were identified in well HIMW-001S. At the temperature of 70 degrees Fahrenheit, the specific gravity of the LNAPL was reported as 0.9541, and the kinematic viscosity was reported as 14.3 centistokes. The specific gravity and the kinematic viscosity at 100 degrees and at 130 degrees were 0.9482 and 7.77 centistokes; and 0.9408 and 4.84 centistokes, respectively. The ranges of values of the specific gravity of the DNAPL at 70 degrees, 100 degrees and 130 degrees were 1.029 to 1.082, 1.025 to 1.078 and 1.018 to 1.075, respectively. The corresponding values of the kinematic viscosity of DNAPL were 28.5 to 169 centistokes, 13.4 to 55.2 centistokes and 7.51 to 23.8 centistokes.

Potentiometric heads for all wells containing an LNAPL layer were corrected for the specific gravity of the LNAPL. The corrections were based on the measurement of density of an LNAPL sample collected from the monitoring well HIMW-001S. The pattern of change of the specific gravity with temperature obtained from the analysis was extrapolated to the temperature of 55 degrees, prevailing in the aquifer, to arrive at the value of the specific gravity of LNAPL of approximately 0.96.

In April 2007, a product sample from the monitoring well HIMW-011S was collected for a fingerprint analysis. Results are presented in Attachment B. The well is located between the Site and the property used by the Oswego Oil Company. The analysis of the sample indicated that the product present in the monitoring well HIMW-011S closely resembles the #2 fuel oil.

4.0 DATA SUMMARY AND INTERPRETATION

This section contains a summary of the second, third and fourth quarter 2007 data on potentiometric heads, product thicknesses and water quality at the Site. It also presents the summary of results of the product recovery activities conducted in 2007.

The potentiometric surface maps for the second, third and fourth quarters of 2007 indicate that the general direction of groundwater flow was to the south. The average hydraulic gradient was on the order of $1 \, \text{ft} / 1,000 \, \text{ft}$ to the south. The potentiometric surface remained relatively stable, with the fluctuation of approximately 0 foot to 2 feet in the shallow horizon, and 0 to 5 feet in the intermediate/deep horizons.

In 2007, free product was detected in eleven wells at nine locations (a location is defined as either a single wells or a well cluster). Wells containing free product were either on site or within the parking lot of the Medical Office Building immediately south of the site. Five wells contained a sheen of LNAPL, and ten wells contained DNAPL (sheen to approximately 6 feet).

Seventeen wells were included in the product recovery program for 2007. Product was recovered on nine occasions between May and December 2007. Time interval between the recovery events varied between approximately 3 weeks and 2 months. The volume of product removed was approximately 1 to 3 gallons per event. It appears that there was no discernible trend in the thickness of the product layer and in the amount of product recovered as a function of time (note that because of access restrictions, the number of wells used to recover the product varied between the events).

Product found in the monitoring well HIMW-011S, located between the Site and the property used by the Oswego Oil Company appears to consist predominantly of #2 fuel oil.

The extent of the dissolved-phase plume during the second, third and fourth quarters of 2007 is summarized on Figures 21, 22 and 23, respectively. The core of the plume, defined here either by the presence of free product, or by the total BTEX or total PAH concentration greater than 1,000 micrograms per liter (μ g/L, or ppb), extends to the distance of approximately 400 feet south of the site's boundary. The area of total BTEX or total PAH concentration between 100 and 1,000 μ g/L extends to the distance of approximately 2,500 - 2,800 feet to the south of the site's boundary. Beyond 2,800 ft, concentrations reduce to below 100 μ g/L, and the concentrations of total BTEX and total PAH's in the downgradient-most well pair (HIMW-015I/D), located approximately 3,500 feet south of the site's boundary, are between "not detected" and 30 μ g/L. The plume appears to have been stable in 2007, with concentrations of BTEX/PAH compounds in given wells remaining at the same order-of-magnitude levels throughout the measurement period.

Historically, the extent of the plume has been defined as an area enclosed within the isoconcentration line of 50 μ g/L, which is the lowest isoconcentration line shown on Drawings 6C and 6D of the 2006 RI report. Based the 50 μ g/L isoconcentration line, it is estimated that in 2007 the dissolved-phase plume extended to the distance of approximately 3,000 - 3,200 feet south of the site's boundary.

The likely cause of the stability of the dissolved-phase plume is natural attenuation. Natural attenuation encompasses mass redistribution processes, such as dispersion, dilution and adsorption onto soil particles, and mass destruction processes, such as biodegradation, hydrolysis and photolysis. Typically, the dominant attenuation processes are dispersion and biodegradation.

Evidence for biodegradation occurring at the Site is provided by results of sampling for the miscellaneous parameters, shown in Table 4. In areas where biodegradation occurs, the alkalinity of groundwater and dissolved-phase concentrations of carbon dioxide and methane are elevated, while dissolved-phase concentrations of nitrate and sulfate are lower than elsewhere within the aquifer (Technical Protocol for Implementing Intrinsic Remediation with Long-Term Monitoring for Natural Attenuation of Fuel Contamination Dissolved In Groundwater, AFCEE, 1995). Site data show that the alkalinity and the dissolved-phase concentration of carbon dioxide are higher within the plume (monitoring wells HIMW-012 through HIMW-015) than within the source area (wells HIMW-011 and HIMW-018) or outside the plume (wells HIMW-004, HIMW-010 and PZ-02). Similarly, methane was detected only in the monitoring wells within the plume. Concentrations of nitrate in the plume wells are mostly "Not detected", while nitrate is present in all wells located in the source or outside the plume. This indicates that degradation does not occur outside of the plume, where there is little or no substrate to consume, and that degradation is weak within the source area, where the high concentrations of hydrocarbons inhibit the growth of the microorganisms. However, once the dissolved-phase concentrations of hydrocarbons decrease at some distance from the source as a result of dispersion, the microorganisms become active, converting the hydrocarbons into simple compounds, such as carbon dioxide (aerobic degradation) and methane (anaerobic degradation).

TABLES

Table 1

Hempstead Intersection Street Former MGP Site 2007 Summary of Field Activities

Water Level Measurements, Product Thickness Measurements and Water Quality Sampling

Well ID	Fourth	Quarter (Oc	t 2007)	Third O	uarter (Jul-A	ua 2007)	Second C	uarter (Apr-l	May 2007)
1.02	Water	Product	Water	Water	Product	Water	Water	Product	Water
	Level	Thickness	Quality	Level	Thickness	Quality	Level	Thickness	Quality
HIMW-001S			.,	X	X		X	X	
HIMW-001I				X	X		X	X	
HIMW-001D				X	X	Х	X	X	Х
HIMW-002S				X	X	X	X	X	X
HIMW-002I				X	X	X	X	X	X
HIMW-002D				X	X	X	X	X	X
HIMW-003S	Х	Х	Х	X	X	X	X	X	X
HIMW-003I	X	X	X	X	X	X	X	X	X
HIMW-003D	X	X	Λ	X	X	X	X	X	X
HIMW-004S	Λ.	Λ		X	X	X	X	X	X
HIMW-004I				X	X	X	X	X	X
HIMW-004D				X	X	X	X	X	X
HIMW-005S	Х	Х	Χ	X	X	X	X	X	X
HIMW-005I	X	X	X	X	X	X	X	X	X
HIMW-005D	X	X	X	X	X	X	X	X	X
HIMW-005B	^	^		X	X	^	X	X	
HIMW-0065				X	X	Х	X	X	Х
HIMW-006D				X	X	X	X	X	X
HIMW-007S				X	X	^	X	X	
HIMW-0073				X	X	Х	X	X	Х
HIMW-007D				X	X	X	X	X	X
HIMW-007D	V	V	V	X	X	X	X	X	X
	X	X	X		X		X	X	X
HIMW-008I				X	X	X			
HIMW-008D	X	Х	Х	X			X	X	X
HIMW-009S				X	X	X	X	X	X X
HIMW-009I									
HIMW-009D				X	X	X	X	X	X
HIMW-010S				X	X	X	X	X	X
HIMW-010I				X	X	X	X	X	X
HIMW-010D				X	X	Х	Х	X	Х
HIMW-011S				X	X		X	Х	.,
HIMW-011I				X	X	Х	Х	Х	X
HIMW-011D				X	X	Х	X	X	X
HIMW-012S	Х	Х	X	X	X	X	Х	Х	X
HIMW-012I	X	Х	X	X	Х	Х	Х	Χ	Х
HIMW-012D	X	Х	X	X	X	X	X	X	X
HIMW-013S	X	Х	X	X	X	Х	X	X	X
HIMW-013I	X	X	X	X	X	X	X	X	X
HIMW-013D	X	X	X	X	Х	Х	Х	Х	Х
HIMW-014I	X	Х	X	X	Х	Х	X	Х	X
HIMW-014D	X	Х	X	Х	Х	Х	Х	Х	X
HIMW-015I	X	Х	X	X	Х	Χ	X	Х	X
HIMW-015D	X	Х	Х	Х	Х	Χ	Х	Χ	X
HIMW-016S						Х	Х	X	Х
HIMW-016I							Х	Χ	
HIMW-017S						Х	Х	Χ	Χ
HIMW-018S				Χ	Х	Χ	X	X	Χ
HIMW-018I				Χ	Х	Χ	Х	Χ	Χ
HIMW-019S				Χ	Х	Х	Х	Χ	Χ
HIMW-019I				Χ	Χ	Χ	Х	X	Х
PZ-02				Χ	Χ	Χ	Х	X	Х
PZ-03				Χ	Χ	Χ	Χ	X	X
PZ-08			-	Χ	X		Х	Х	

- 1.) Field marked with "X" indicates that the activity was performed.
- 2.) Blank field indicates that the activity was not performed.

Hempstead Intersection Street Former MGP Site 2007 Summary of Field Activities Product Recovery

Well ID	Dec 27,	Dec 6,	Nov 2007	Oct 25,	Oct 4,	Sep 2007	Aug 2007	June 2007	May 2007
HIMW-001S	2007	2007		2007	2007			V	V
	V	V	V	V	V			X	X
HIMW-001I	Х	Х	Х	X	Х	X		Χ	Χ
HIMW-001D									
HIMW-002S									
HIMW-002I						-			
HIMW-002D									
HIMW-003S									
HIMW-003I									
HIMW-003D									
HIMW-004S									
HIMW-004I									
HIMW-004D									
HIMW-005S									
HIMW-005I									
HIMW-005D									
HIMW-006S	Х		Х	Χ	Χ	X	Χ	Χ	Χ
HIMW-006I						1			
HIMW-006D									
HIMW-007S	Х	Х	Х	Χ	X	Х	Χ	Χ	Χ
HIMW-007I									
HIMW-007D									
HIMW-008S									
HIMW-008I									
HIMW-008D									
HIMW-009S									
HIMW-009I									
HIMW-009D									
HIMW-010S									
HIMW-010I									
HIMW-010D									
HIMW-011S								X	
HIMW-011I									
HIMW-011D									
HIMW-012S									
HIMW-012I									
HIMW-012D									
HIMW-013S									
HIMW-013I									
HIMW-013D									
HIMW-014I									
HIMW-014D									
HIMW-015I									
HIMW-015D									
HIMW-016S	Х	Х	Х	Х					
HIMW-016I	X	X	X	X					
HIMW-017S	X	X	X						
HIMW-018S	X	X			Х	Х	Х	Х	Χ
HIMW-018I									
HIMW-019S						†		Х	Х
HIMW-019I									- •
PZ-02						†			
PZ-03						†			
PZ-08	Х	Х	Х	Х	Х	Х	Х	Х	Х
00			^	, \	^		. ^		, , \

- 1.) Field marked with "X" indicates that the activity was performed.
- 2.) Blank field indicates that the activity was not performed.

Hempstead Intersection Street Former MGP Site Groundwater and Product Measurements Fourth Quarter of 2007

Well ID	Date	Elevation	Depth to	Depth to	Depth to	Well	Thickness	Thickness	Potentiometric
'''''	24.0	of TOR	LNAPL	Water	DNAPL	Depth	of LNAPL	of DNAPL	Head (1)
		[ft amsl]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft amsl]
HIMW-001S		71.61	NM	NM	NM	41.00	NM	NM	NM
HIMW-0011		71.68	NM	NM	NM	89.50	NM	NM	NM
HIMW-001D		71.95	NM	NM	NM	127.10	NM	NM	NM
HIMW-002S		73.82	MM	NM	NM	42.20	NM	NM	NM
HIMW-002I		78.87	NM	NM	NM	91.60	NM	NM	NM
HIMW-002D		74.13	NM	NM	NM	111.30	NM	NM	NM
HIMW-003S	10/15/2007	65.00	ND	19.80	ND	34.80	0	0	45.20
HIMW-003I	10/16/2007	64.94	ND	20.30	ND	87.10	0	0	44.64
HIMW-003D	10/19/2007	65.26	ND	20.89	ND	144.50	0	0	44.37
HIMW-004S		72.74	NM	MM	NM	41.40	MM	NM_	NM
HIMW-0041		72.78	NM	NM	NM	90.73	NM	NM	NM
HIMW-004D		72.65	NM	NM	NM	180.20	NM	MM	NM
HIMW-005S	10/15/2007	67.19	ДИ	22.49	ND	39.10	0	0	44.70
HIMW-005I	10/16/2007	67.22	ND	22.59	ND	92.30	0	0	44.63
HIMW-005D	10/18/2007	67.22	ND	23.49	ND	140.00	0	0	43.73
HIMW-006S		68.25	NM	NM	NM	36.10	NM	NM	NM
HIMW-006I		67.88	NM	NM	NM	82.20	NM	NM	NM
HIMW-006D		67.77	NM	MM	NM	118.58	NM	NM	NM
HIMW-007S		70.47	NM	NM	NM	40.75	MM	NM	NM
HIMW-0071		70.10	NM	NM	NM	98.20	MM	NM.	NM
HIMW-007D		70.40	NM	NM	NM	119.50	MM	NM	NM
HIMW-008S	10/16/2007	65.04	ND	20.78	ND.	37.20	0	0	44.26
1800-WMIH	10/23/2007	65.14	ND	20.72	ND	75.10	0	0	44.42
HIMW-008D	10/19/2007	64.93	ND	20.75	ND	114.75	0	0	44.18
HIMW-009S		70.03	NM	NM	NM	39.70	NM	NM	NM
HIMW-009I		69.93	NM	NM	NM	80.50	NM	NM.	NM
HIMW-009D		69.96	<u>NM</u>	NM	NM	123.10	NM	NM	NM
HIMW-010S		71.60	NM	NM	NM	39.90	NM	NM	NM
HIMW-010I		71.47	NM	NM	NM	90.60	NM	NM	NM
HIMW-010D		71.44	NM	NM	NM	134.20	NM	NM	NM
HIMW-011S		71.62	NM	NM	NM	40.25	NM	NM	NM
HIMW-011I		71.43	NM	NM	NM	93.40	NM	NM	NM
HIMW-011D	4014710007	71.39	NM	NM	NM	123.45	NM	NM	NM
HIMW-012S	10/17/2007	61.58	ND	18.42	ND	33.50	0		43.16
HIMW-012I	10/17/2007	61.59	ND	18.29	ND ND	75.00	0	0	43.30 40.84
HIMW-012D	10/18/2007	61.82	ND	20.98	ND	128.45	0	I	
HIMW-013S	10/17/2007	72.83	ND	31.41	ND ND	49.20			41,42 41,43
HIMW-013I	10/18/2007	72.60	ND	31.17		82.60			
HIMW-013D	10/22/2007	72.53	ND		ND ND	122.50 96.90	0		41.50 41.61
HIMW-014I HIMW-014D	10/22/2007	71.71 71.59	ND ND	30.10 33.56	ND	122.50			
HIMW-014D	10/19/2007 10/23/2007	64.18	ND	25.38	ND	93.10		.	
HIMW-015D	10/23/2007	63.96	ND	27.73	ND	155.00		0	
HIMW-016S	10/22/2007	67.45	NM	NM	NM	34.41	NM	NM	
HIMW-0161		67.50	NM	NM	NM	82.66		NM	
HIMW-017S		65.96	NM	NM	NM	35.48	·	h .	
HIMW-018S		69.76		NM	NM	42.80			ļ
HIMW-018I		69.70		NM	NM	71.80			
HIMW-019S		70.95	NM		NM	38.65			
HIMW-019I		70.95	NM		NM	69.10			
PZ-02	<u> </u>	72.96		-	NM	35.60			
PZ-02 PZ-03		64.58	NM		NM	29.90			
PZ-08		70.51	NM		NM	36.00			
<u>- 2-00</u>	l ·	10.01	IAIAI	14141	I IAIAI	1 00.00	1 14141	1 14101	14141

Notes:

Sh - sheen (assumed thickness of 0.01 ft)

LNAPL - light non-aqueous phase liquid

DNAPL - dense non-aqueous phase liquid

HIMW-nnnS, PZ-nn - wells screened in shalow horizon

HIMW-nnnl - wells screend in intermediate horizon

HIMW-nnnD - wells screened in deep horizon

(1) - Corrected using specific gravity of LNAPL of SG = 0.96

TOR - top of riser

amsl - above mean sea level

ND - not detected NM - not measured

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Hempstead Intersection Street Former MGP Site Groundwater and Product Measurements Third Quarter of 2007

1M-IIID	Doto	Florestion	Danth to		Donth to	Well	Thickness	Thickness	Potentiometric
Well ID	Date	Elevation of TOR	Depth to LNAPL	Depth to Water	Depth to DNAPL		of LNAPL	of DNAPL	Head (1)
		[ft amsl]	[ft]	(ft]	[ft]	Depth [ft]	[ft]	[ft]	[ft amsl]
HIMW-001S	7/15/2007	71.61	Sh	26.07	40.99	41.00	0.01	0.01	45.55
HIMW-0010	7/15/2007	71.68	ND.	26.43	85.83	89.50	0	3.67	45.25
HIMW-001D	7/15/2007	71.95	ND	27.01	ND	127.10	0	0.01	44.94
HIMW-002S	7/15/2007	73.82	ND	28.15	ND	42.20	0	0	45.67
HIMW-0023	7/15/2007	78.87	ND	24.79	ND	91.60	0	0	54.08
HIMW-0021	7/15/2007	74.13	ND	24.50	ND	111.30	0	0	49.63
HIMW-003S	7/15/2007	65.00	ND	19.99	ND	34.80	0	0	45.01
HIMW-0031	7/15/2007	64.94	ND	20.35	ND	87.10	0	0	44.59
HIMW-003D	7/15/2007	65.26	ND	21.15	ND	144.50	0	0	44.11
HIMW-004S	7/15/2007	72.74	ND	28.40	ND	41.40	0	0	44.34
HIMW-0041	7/15/2007	72.78	ND	28.57	ND	90.73	0	0	44.21
HIMW-004D	7/15/2007	72.65	ND	29.33	ND	180.20	0	0	43.32
HIMW-004B	7/15/2007	67.19	ND	22.66	ND	39.10	0	0	44.53
HIMW-0056	7/15/2007	67.22	ND	23.35	ND	92.30	0	0	43.87
HIMW-005D	7/15/2007	67.22	ND	23.73	ND	140.00	0	0	43.49
HIMW-006S	7/15/2007	68.25	ND	23.15	35.03	36.10	0	1.07	45.10
HIMW-0061	7/15/2007	67.88	ND	23.18	35.03 ND	82.20	0	0	44.70
HIMW-006D	7/15/2007	67.77	ND	23.10	ND	118.58	0	0	44.68
HIMW-007S	7/15/2007	70.47	ND	26.36	39.37	40.75	0	1.38	44.11
HIMW-0075	7/15/2007	70.47	ND	25.55	ND	98.20	0	0	44.55
HIMW-007D	7/15/2007	70.10	ND	25.60	ND ND	119.50	0	0	44.80
HIMW-008S	7/15/2007	65.04	ND	22.89	ND	37.20	0	0	42.15
HIMW-0085	7/15/2007	65.14	ND	19.89	ND	75.10	0	0	45.25
		64.93	ND	20.62	ND	114.75	0	0	44.31
HIMW-008D	7/15/2007					39.70	0	0	45.14
HIMW-009S	7/15/2007	70.03	ND	24.89	ND ND		0	0	44.99
HIMW-0091	7/15/2007	69.93	ND	24.94	ND	80.50		0	44.86
HIMW-009D	7/15/2007	69.96	ND	25.10	ND ND	123.10 39.90	0	0	45.40
HIMW-010S	7/15/2007	71.60	ND	26.20	ND			0	48.38
HIMW-010I	7/15/2007	71.47	ND	23.09	ND	90.60	0	0	
HIMW-010D	7/15/2007	71.44	ND	24.39	ND	134.20 40.25	0.01	0	47.05 45.47
HIMW-011S	7/15/2007	71.62	Sh	26.16 26.97	ND ND	93.40	0.01	0	44.46
HIMW-011I	7/15/2007	71.43 71.39	ND ND	26.00	ND	123.45	0		45.39
HIMW-011D	7/15/2007				ND	33.50	0		43.27
HIMW-012S	7/15/2007	61.58	ND	18.31			0	0	43.41
HIMW-012I	7/15/2007	61.59 61.82	ND	18.18	ND	75.00 128.45	0		40.79
HIMW-012D	7/15/2007	72.83	ND ND	21.03	ND ND	49.20	0		41.44
HIMW-013S	7/15/2007			31.39		82.60			
HIMW-013I	7/15/2007								
HIMW-013D	7/15/2007	72.53		31.16		122.50		1	41.37
HIMW-014I	7/15/2007	71.71	ND			96.90	0		
HIMW-014D	7/15/2007	71.59				122.50	0		41.44 38.73
HIMW-015I	7/15/2007	64.18				93.10			
HIMW-015D	7/15/2007	63.96			ND	155.00	O NIM		35.55
HIMW-016S		67.45		-[34.41	NM		NM
HIMW-016I		67.50	· · · · · · · · · · · · · · · · · · ·			82.66			NM
HIMW-017S	714510000	65.96				35.48		·	NM 45.33
HIMW-018S	7/15/2007	69.76			-	42.80			
HIMW-0181	7/15/2007	69.70				71.80			45.67
HIMW-019S	7/15/2007	70.95				38.65			
HIMW-019I	7/15/2007	71.27				69.10			
PZ-02	7/15/2007	72.96				35.60			<u> </u>
PZ-03	7/15/2007	64.58				29.90			
PZ-08	7/15/2007	70.51	ND	25.17	34.42	36.00	0	1.58	45.34

Notes:

Sh - sheen (assumed thickness of 0.01 ft)

LNAPL - light non-aqueous phase liquid

DNAPL - dense non-aqueous phase liquid

HIMW-nnnS, PZ-nn - wells screened in shalow horizon

HIMW-nnnl - wells screend in intermediate horizon

HIMW-nnnD - wells screened in deep horizon

(1) - Corrected using specific gravity of LNAPL of SG = 0.96

TOR - top of riser

amsl - above mean sea level

ND - not detected NM - not measured

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Hempstead Intersection Street Former MGP Site Groundwater and Product Measurements Second Quarter of 2007

HIMW-0015	Well ID	Date	Elevation	Depth to	Depth to	Depth to	Well	Thickness	Thickness	Potentiometric
HIMW-0010	Mell ID	Date				, ,	•			
HIMW-0015										$\overline{}$
HIMW-0011	HIMW-001S	4/15/2007								44.54
HIMW-001D										43.94
HIMW-002S								0		43.93
HIMW-0021								0	0	44.30
HIMW-002D	-									49.27
HIMW-0038								0		45.20
HIMW-003D			65.00					0	0	43.96
HIMW-003D								0	0	43.75
HIMW-004D					21.96	ND	144.50	. 0	0	43.30
HIMW-004D	HIMW-004S	4/15/2007	72.74	ND	29.41	ND	41.40	0	0	43.33
HIMW-005S	HIMW-0041	4/15/2007	72.78	ND	29.52	ND	90.73	0	0	43.26
HIMW-0051	HIMW-004D	4/15/2007	72.65	ND	30.16	ND	180.20	0	0	42.49
HIMW-005D	HIMW-005S	4/15/2007	67.19	ND	23.71	ND	39.10	0	0	43.48
HIMW-006S	HIMW-0051	4/15/2007		ND		ND		0	0	42.81
HIMW-0061	HIMW-005D	4/15/2007		ND		ND		0		42.61
HIMW-006D		4/15/2007				34.20			1.9	44.04
HIMW-007S	HIMW-006I	4/15/2007	67.88	ND	24.18	ND		0	0	43.70
HIMW-0071	HIMW-006D	4/15/2007	67.77	ND	24.09	ND	118.58	0	-	43.68
HIMW-007D	HIMW-007S	4/15/2007	70.47	ND	26.73	38.59		0	2.16	43.74
HIMW-008S	HIMW-007I			ND		ND				43.48
HIMW-008 4/15/2007 65.14 ND 22.07 ND 75.10 0 0 0 43.07 HIMW-008D	HIMW-007D			ND					0	43.85
HIMW-008D	1			ND						43.17
HIMW-009S	1			ND						43.07
HIMW-0091										43.07
HIMW-010S										
HIMW-010S										
HIMW-010 4/15/2007 71.47 ND 27.52 ND 90.60 0 0 43.95 HIMW-010D 4/15/2007 71.44 ND 27.45 ND 134.20 0 0 0 43.95 HIMW-011S 4/15/2007 71.62 Sh 27.48 ND 40.25 0.01 0 44.15 HIMW-011 4/15/2007 71.43 ND 27.31 ND 93.40 0 0 0 44.15 HIMW-011D 4/15/2007 71.39 ND 27.31 ND 123.45 0 0 0 44.05 HIMW-011D 4/15/2007 61.58 ND 19.51 ND 33.50 0 0 0 42.07 HIMW-012S 4/15/2007 61.59 ND 19.36 ND 75.00 0 0 0 42.23 HIMW-012D 4/15/2007 61.82 ND 21.65 ND 128.45 0 0 0 40.24 HIMW-013D 4/15/2007 72.63 ND 32.37 ND 82.60 0 0 0 40.24 HIMW-013D 4/15/2007 72.53 ND 32.37 ND 82.60 0 0 0 40.24 HIMW-013D 4/15/2007 72.53 ND 32.37 ND 122.50 0 0 0 40.24 HIMW-014U 4/15/2007 71.71 ND 31.49 ND 96.90 0 0 0 40.22 HIMW-014D 4/15/2007 64.18 ND 26.45 ND 93.10 0 0 37.73 HIMW-015D 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016D 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-018S 4/15/2007 69.76 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-018S 4/15/2007 69.76 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-018S 4/15/2007 69.76 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-019S 4/15/2007 70.95 ND 26.68 ND 37.15 38.65 0 1.5 44.26 HIMW-019S 4/15/2007 70.95 ND 26.88 ND 69.10 0 0 44.57 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.57 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.57 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.57 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90	1								-	
HIMW-010D										
HIMW-011S 4/15/2007 71.62 Sh 27.48 ND 40.25 0.01 0 44.15 HIMW-011I 4/15/2007 71.43 ND 27.31 ND 93.40 0 0 0 44.12 HIMW-011D 4/15/2007 71.38 ND 27.31 ND 123.45 0 0 0 44.08 HIMW-012S 4/15/2007 61.58 ND 19.51 ND 33.50 0 0 0 42.07 HIMW-012I 4/15/2007 61.59 ND 19.36 ND 75.00 0 0 0 42.23 HIMW-012D 4/15/2007 61.82 ND 21.65 ND 128.45 0 0 0 40.24 HIMW-013S 4/15/2007 72.83 ND 32.59 ND 49.20 0 0 0 40.24 HIMW-013I 4/15/2007 72.60 ND 32.37 ND 82.60 0 0 0 40.26 HIMW-013D 4/15/2007 72.53 ND 32.37 ND 82.60 0 0 0 40.26 HIMW-014D 4/15/2007 71.71 ND 31.49 ND 96.90 0 0 0 40.22 HIMW-014D 4/15/2007 71.59 ND 33.73 ND 122.50 0 0 0 37.86 HIMW-015D 4/15/2007 63.96 ND 28.08 ND 155.00 0 0 35.88 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016S 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-018S 4/15/2007 69.76 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-019S 4/15/2007 79.96 ND 26.68 ND 35.60 0 0 0 44.55 HIMW-019I 4/15/2007 72.96 ND 26.88 ND 35.60 0 0 0 44.55 PZ-02 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.55 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.55 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.55 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.55 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.55 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0							$\overline{}$			
HIMW-0111										
HIMW-011D										
HIMW-012S 4/15/2007 61.58 ND 19.51 ND 33.50 0 0 42.07 HIMW-012I 4/15/2007 61.59 ND 19.36 ND 75.00 0 0 42.23 HIMW-012D 4/15/2007 61.82 ND 21.65 ND 128.45 0 0 40.17 HIMW-013S 4/15/2007 72.83 ND 32.59 ND 49.20 0 0 0 40.24 HIMW-013I 4/15/2007 72.60 ND 32.37 ND 82.60 0 0 0 40.23 HIMW-013D 4/15/2007 72.53 ND 32.37 ND 122.50 0 0 0 40.16 HIMW-014I 4/15/2007 71.71 ND 31.49 ND 96.90 0 0 0 40.22 HIMW-014D 4/15/2007 71.59 ND 33.73 ND 122.50 0 0 37.86 HIMW-015I 4/15/2007 64.18 ND 26.45 ND 93.10 0 0 37.73 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016S 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-018S 4/15/2007 69.76 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018I 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019S 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.35 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.51 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0		····								
HIMW-0121									_	
HIMW-012D 4/15/2007 61.82										
HIMW-013S 4/15/2007 72.83 ND 32.59 ND 49.20 0 0 0 40.24 HIMW-013I 4/15/2007 72.60 ND 32.37 ND 82.60 0 0 0 40.23 HIMW-013D 4/15/2007 72.53 ND 32.37 ND 122.50 0 0 0 40.16 HIMW-014I 4/15/2007 71.71 ND 31.49 ND 96.90 0 0 0 40.22 HIMW-014D 4/15/2007 71.59 ND 33.73 ND 122.50 0 0 0 37.86 HIMW-015I 4/15/2007 64.18 ND 26.45 ND 93.10 0 0 0 37.73 HIMW-015D 4/15/2007 63.96 ND 28.08 ND 155.00 0 0 0 35.88 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-018S 4/15/2007 69.76 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018I 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 0 44.72 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 0 44.51 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 44.51 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 0 HIMW-019S 4/15/2007 64.58 ND 2										
HIMW-013										
HIMW-013D 4/15/2007 72.53 ND 32.37 ND 122.50 0 0 40.16 HIMW-014I 4/15/2007 71.71 ND 31.49 ND 96.90 0 0 40.22 HIMW-014D 4/15/2007 71.59 ND 33.73 ND 122.50 0 0 37.86 HIMW-015I 4/15/2007 64.18 ND 26.45 ND 93.10 0 0 37.73 HIMW-015D 4/15/2007 63.96 ND 28.08 ND 155.00 0 0 35.88 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 72.96 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51									_	
HIMW-014I 4/15/2007 71.71 ND 31.49 ND 96.90 0 0 40.22 HIMW-014D 4/15/2007 71.59 ND 33.73 ND 122.50 0 0 0 37.86 HIMW-015I 4/15/2007 64.18 ND 26.45 ND 93.10 0 0 0 37.73 HIMW-015D 4/15/2007 63.96 ND 28.08 ND 155.00 0 0 0 35.88 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
HIMW-014D 4/15/2007 71.59 ND 33.73 ND 122.50 0 0 37.86 HIMW-015I 4/15/2007 64.18 ND 26.45 ND 93.10 0 0 37.73 HIMW-015D 4/15/2007 63.96 ND 28.08 ND 155.00 0 0 0 35.88 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-019S 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019I 4/15/2007										
HIMW-015I 4/15/2007 64.18 ND 26.45 ND 93.10 0 0 37.73 HIMW-015D 4/15/2007 63.96 ND 28.08 ND 155.00 0 0 35.88 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019I 4/15/2007 70.95 ND 26.88 ND 69.10 0 0 44.26 HIMW-019I 4/15/2007 72										
HIMW-015D 4/15/2007 63.96 ND 28.08 ND 155.00 0 0 35.88 HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 6										
HIMW-016S 4/15/2007 67.45 ND 23.81 32.01 34.41 0 2.4 43.64 HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58<										
HIMW-016I 4/15/2007 67.50 ND 24.03 77.26 82.66 0 5.4 43.47 HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										
HIMW-017S 4/15/2007 65.96 ND 22.45 34.42 35.48 0 1.06 43.51 HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										
HIMW-018S 4/15/2007 69.76 ND 25.81 40.18 42.80 0 2.62 43.95 HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										
HIMW-018I 4/15/2007 69.70 ND 25.75 ND 71.80 0 0 43.95 HIMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HIMW-019I 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										
HiMW-019S 4/15/2007 70.95 ND 26.69 37.15 38.65 0 1.5 44.26 HiMW-019I 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										
HIMW-019I 4/15/2007 71.27 ND 26.88 ND 69.10 0 0 44.39 PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										
PZ-02 4/15/2007 72.96 ND 28.24 ND 35.60 0 0 44.72 PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										
PZ-03 4/15/2007 64.58 ND 20.07 ND 29.90 0 0 44.51										44.72
										44.51
I - 00 1 1/10/2001 10/01 140 20/10 00/21 00/00 01	PZ-08	4/15/2007	70.51	ND			36.00	0		

Notes:

Sh - sheen (assumed thickness of 0.01 ft)

LNAPL - light non-aqueous phase liquid

DNAPL - dense non-aqueous phase liquid

HIMW-nnnS, PZ-nn - wells screened in shalow horizon

HIMW-nnnI - wells screend in intermediate horizon

HIMW-nnnD - wells screened in deep horizon

(1) - corrected using specific gravity of LNAPL of SG = 0.96

TOR - top of riser

amsi - above mean sea level

ND - not detected NM - not measured

Hempstead Intersection Street Former MGP Site **Groundwater and Product Measurements** Summary of Potentiometric Heads for 2007

Well ID		We	ells Screened in	Shallow Horiz	on	
		Potentim	etric Surface E	levation		Fluctuation
	Fourth	Third	Second	Maximum	Minimum	
	Quarter	Quarter	Quarter			
	[ft amsl]	[ft amsl]	[ft amsl]	[ft amsl]	[ft amsl]	[ft]
HIMW-001S	NM	45.55	44.54	45.55	44.54	1.01
HIMW-002S	NM	45.67	44.30	45.67	44.30	1.37
HIMW-003S	45.20	45.01	43.96	45.01	43.96	1.05
HIMW-004S	NM	44.34	43.33	44.34	43.33	1.01
HIMW-005S	44.70	44.53	43.48	44.53	43.48	1.05
HIMW-006S	NM	45.10	44.04	45.10	44.04	1.06
HIMW-007S	NM	44.11	43.74	44.11	43.74	0.37
HIMW-008S	44.26	42.15	43.17	43.17	42.15	1.02
HIMW-009S	NM	45.14	43.62	45.14	43.62	1.52
HIMW-010S	NM	45.40	43.95	45.40	43.95	1.45
HIMW-011S	NM	45.47	44.15	45.47	44.15	1.32
HIMW-012S	43.16	43.27	42.07	43.27	42.07	1.20
HIMW-013S	41.42	41.44	40.24	41.44	40.24	1.20
HIMW-016S	NM	NM	43.64	43.64	43.64	0.00
HIMW-017S	NM	NM	43.51	43.51	43.51	0.00
HIMW-018S	··· NM	45.22	43.95	45.22	43.95	1.27
HIMW-019S	NM	45.69	44.26	45.69	44.26	1.43
PZ-02	NM	45.78	44.72	45.78	44.72	1.06
PZ-03	NM	45.70	44.51	45.70	44.51	1.19
PZ-08	NM	45.34	44.08	45.34	44.08	1.26
				Highest Fl	uctuation [ft] =	1.52
				Lowest F	luctuation[ft] =	0.00
				Average Fl	uctuation [ft] =	1.04

Notes:

NM - not measured

Second Quarter - measurements taken on April 15, 2007

Third Quarter - measurements taken on July 15, 2007

Fourth Quarter - measurements taken October 15 to 23, 2007

Hempstead Intersection Street Former MGP Site Groundwater and Product Measurements Summary of Potentiometric Heads for 2007

Well ID		Wells	Screened in Ir	ntermediate Ho	rizon				
		Potentim	etric Surface E			Fluctuation			
	Fourth	Third	Second	Maximum	Minimum				
	Quarter	Quarter	Quarter						
	[ft amsl]	[ft amsl]	[ft amsl]	[ft amsl]	[ft amsl]	[ft]			
HIMW-001I	NM	45.25	43.94	45.25	43.94	1.31			
HIMW-002I	NM	54.08	49.27	54.08	49.27	4.81			
HIMW-0031	44.64	44.59	43.75	44.59	43.75	0.84			
HIMW-0041	NM	44.21	43.26	44.21	43.26	0.95			
HIMW-0051	44.63	43.87	42.81	43.87	42.81	1.06			
HIMW-006I	NM	44.70	43.70	44.70	43.70	1.00			
HIMW-007I	· NM	44.55	43.48	44.55	43.48	1.07			
HIMW-008I	44.42	45.25	43.07	45.25	43.07	2.18			
HIMW-009I	NM	44.99	43.74	44.99	43.74	1.25			
HIMW-010I	NM	48.38	43.95	48.38	43.95	4.43			
HIMW-011I	NM	44.46	44.12	44.46	44.12	0.34			
HIMW-012I	43.30	43.41	42.23	43.41	42.23	1.18			
HIMW-013I	41.43	41.44	40.23	41.44	40.23	1.21			
HIMW-014I	41.61	38.28	40.22	40.22	38.28	1.94			
HIMW-015I	38.80	38.73	37.73	38.73	37.73	1.00			
HIMW-0161	NM	NM	43.47	43.47	43.47	0.00			
HIMW-0181	NM	45.67	43.95	45.67	43.95	1.72			
HIMW-019I	NM	45.46	44.39	45.46	44.39	1.07			
				Highest Fl	uctuation [ft] =	4.81			
	Lowest Fluctuation[ft] =								
				Average Fl	uctuation [ft] =	1.52			

Notes:

NM - not measured

Second Quarter - measurements taken on April 15, 2007

Third Quarter - measurements taken on July 15, 2007

Fourth Quarter - measurements taken October 15 to 23, 2007

Hempstead Intersection Street Former MGP Site Groundwater and Product Measurements Summary of Potentiometric Heads for 2007

Well ID		W	ells Screened	in Deep Horizo	n	
! [Potentim	etric Surface E	levation		Fluctuation
	Fourth	Third	Second	Maximum	Minimum	
l	Quarter	Quarter	Quarter			
	[ft amsl]	[ft amsi]	[ft amsl]	[ft amsl]	[ft amsl]	[ft]
HIMW-001D	NM	44.94	43.93	44.94	43.93	1.01
HIMW-002D	NM	49.63	45.20	49.63	45.20	4.43
HIMW-003D	44.37	44.11	43.30	44.11	43.30	0.81
HIMW-004D	NM	43.32	42.49	43.32	42.49	0.83
HIMW-005D	43.73	43.49	42.61	43.49	42.61	0.88
HIMW-006D	NM	44.68	43.68	44.68	43.68	1.00
HIMW-007D	NM	44.80	43.85	44.80	43.85	0.95
HIMW-008D	44.18	44.31	43.07	44.31	43.07	1.24
HIMW-009D	NM	44.86	43.48	44.86	43.48	1.38
HIMW-010D	NM	47.05	43.99	47.05	43.99	3.06
HIMW-011D	NM	45.39	44.08	45.39	44.08	1.31
HIMW-012D	40.84	40.79	40.17	40.79	40.17	0.62
HIMW-013D	41.50	41.37	40.16	41.37	40.16	1.21
HIMW-014D	38.03	41.44	37.86	41.44	37.86	3.58
HIMW-015D	36.23	35.55	35.88	35.88	35.55	0.33
	•			Highest Fl	uctuation [ft] =	4.43
				Lowest F	luctuation[ft] =	0.33
				Average F	uctuation [ft] =	1.51

Notes:

NM - not measured

Second Quarter - measurements taken on April 15, 2007 Third Quarter - measurements taken on July 15, 2007

Fourth Quarter - measurements taken October 15 to 23, 2007

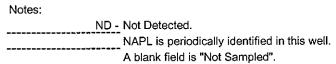
Table 3

Hempstead Intersection Street Former MGP Site

Dissolved-Phase Concentrations of Total BTEX Compounds and Total PAH Compounds

Data Collected in 2007

Well ID	Concentration [micrograms per liter, or ppb]								
i	Fourth Qu	arter		Quarter	Second				
	October 2		July-Aug	ust 2007	April 2				
i	BTEX	PAH	BTEX	PAH	BTEX	PAH			
HIMW-001D			ND	1	ND	1.41			
HIMW-001I									
HIMW-001S	1								
HIMW-002D	T		ND	ND	ND	ND			
HIMW-002I			ŊĎ	ND	ND	0.203			
HIMW-002S			ND	ND	ND ND	ND			
HIMW-003D			ND	ND	ND	ND			
HIMW-003I	ND	ŅD	ND	ND	ND				
HIMW-003S	ND	ND	ND	ND	ND ND	ND			
HIMW-004D			ND	ND	ND	ND			
HIMW-004I			ND	ND	0.438	DN			
HIMW-004S			ND	6	ND	ND			
HIMW-005D	17	ND	62	92	48.66	301.77			
HIMW-005I	296	4872	183	3383	157.5	1840.06			
HIMW-005S	ND	ND	ND	ND	ND	ND			
HIMW-006D			3	6	0.262	28.256			
HIMW-006I		-	40	151	26.66	63.266			
HIMW-006S			~~~~~~~						
HIMW-007D	T		ND	ND	ND	0.567			
HIMW-0071	i		ND	ND	ND	0.945			
HIMW-007S				HEARCH					
HIMW-008D	ND	ND	1	ND	ND	ND			
HIMW-008I	ND	ND	ND	ND	0.525	ND			
HIMW-008S	ND	20	ND	ND	0.416	ND			
HIMW-009D	 	<u>-</u> -	1	ND	ND	ND			
HIMW-009I			ND	ND	ND	ND			
HIMW-009S			ND	ND	ND	ND			
HIMW-010D			ND	ND	ND	ND			
HIMW-010I			ND	ND	ND	ND			
HIMW-010S	-		ND	1	ND	4.9			
HIMW-011D			ND	ND	ND	ND			
HIMW-011I			ND	ND	ND	ND			
HIMW-011S	- †								
HIMW-012D	2	ND	ND	ND	0.503	0.454			
HIMW-012I	253	138	63	168	38.35	97.937			
HIMW-012S	ND	ND	ÑD	ND	0.403	ND			
HIMW-013D	14	21	9	17	8.252	10.482			
HIMW-013I	ND	104	152	119	164.411	76.894			
HIMW-013S	ND	ND	ND	ND	ND	ND			
HIMW-014D	ND ND	ND	ND	ND	0.39	ND			
HIMW-014I	175	78	174		113.307	53.795			
HIMW-015D	ND -	ND	ND		ND	ND			
HIMW-015I	11	22	21	30	19.761	19.414			
HIMW-016I	T								
HIMW-0181	-		21	191	69.6	258.26			
HIMW-019I	- · · · · · · · · · · · · · · · · · ·		ND	ND	ND	ND			
PZ-02			ND		ND	ND			
PZ-03			ND		NĎ	ND			
PZ-08	-								



Within each round, wells were sampled over several days in the given period.

(1) - Previous sampling rounds, included for the purpose of comparison (source - March 2006 RI report).

Hempstead Intersection Street Former MGP Site Dissolved-Phase Concentrations of Total BTEX Compounds and Total PAH Compounds Data Collected Prior to 2007

Well ID	Concentration [r	nicrograms per	liter, or ppb]	
	(1)	. 0004	(1 Novemb	
	December BTEX	PAH	Novemb	er 2003
HIMW-001D	132	ND		-
HIMW-0011	139	1706		
HIMW-001S	13800	209980		
HIMW-002D	2	ND		
HIMW-002I	18	ND		••
HIMW-0025	5	ND		
HIMW-003D	ND	1		
HIMW-003I	ND ND	ND	-	
HIMW-003S	36	ND		
HIMW-004D	4	110		******
HIMW-004B	13	ND	ND	NE
HIMW-0045	33	6	ND	ND
HIMW-005D	45	115		112
HIMW-0051	229	2960		
HIMW-005S	232	765		
HIMW-006D	ND ND	13		
HIMW-0061	17	10	98	560
HIMW-006S	103000	10518000		
HIMW-007D	40	2		
HIMW-007I	9	8		
HIMW-007S	10300	8053	ND	. NE
HIMW-0073	16	ND	TAD	
HIMW-008I	ND ND	ND	ND	ND
HIMW-008S	7070	1995	6440	1415
HIMW-009D	16	1993	0440	14,10
HIMW-009I	2	ND		
HIMW-009S	19	8		
HIMW-010D	16	ND ND		
HIMW-0101	13	ND ND		
HIMW-010S	33	150		
HIMW-011D	39	19		
HIMW-011I	49	3	ND	NE
HIMW-011S	13920	13076	ND	INL
HIMW-012D	6	<u>13070</u>		
HIMW-012I	109	126	77	136
HIMW-012S	5	ND	ND	NE
HIMW-013D	30	5	IND	INL
HIMW-013I	75	5 58	143	156
HIMW-013S	11	ND	ND	NE NE
HIMW-014D	15	ND	ND ND	NE
HIMW-014D	100	61	273	288
HIMW-015D	94	1	ND ND	NE
HIMW-015I	41	15	111	29
HIMW-016I	}		9	NC
HIMW-018I	}		1338	3008
HIMW-0191			ND	19
PZ-02	ND	ND	ND	NE NE
ΓΔ-UZ D7 02	- NU		ND	NE
PZ-03		ND	חמו	
PZ-08	8010			

Notes:	
1	ND - Not Detected.
	NAPL is periodically identified in this well.
	A blank field is "Not Sampled".
	Within each round, wells were sampled over several days in the given period.
	(1) - Previous sampling rounds, included for the purpose of comparison (source:
	March 2006 RI report).

Table 4

Hempstead Intersection Street Former MGP Site
Miscellaneous Parameters

Well ID	Alkalinit	y, Total	Nitrate-I	Nitrogen	Nitrite-Nitrogen		Sulfate (as SO ₄)		Heterotrophic	
	(as Ca	aCO ₃)							Plate Count	
	Second	Third	Second	Third	Second	Third	Second	Third	Second	Third
	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter
	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007
	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]	[cfu/mL]	[cfu/mL]
		We	ells Located	Outside of t	he Plume or	at the Plum	e Perimeter			
HIMW-004D	13,000	13,000	5,020	4,360	ND	ND	23,100	27,800	56	210 J
HIMW-004I	32,500	34,800	3,920	2,360	ND	ND	29,700	23,700	980 J	320 J
HIMW-004S	13,500	12,600	2,000	3,390	ND	ND	22,700	18,500	26	210 J
HIMW-010D	9,000	4,800	1,980	2,140	ND	ND	15,200	22,000	46 J	120 J
HIMW-010I	3,000	ND	2,420	2,400	ND	ND	28,700	30,200	50	340 J
HIMW-010S	28,000	1,700	3,040	5,510	90	220	59,400	96,500	44	1,000 J
PZ-02	NA	12,400	NA	3,400	NA	ND	NA	18,600	NA	210 J
			W	ells Located	Within the S	Source area				
HIMW-011S	35,000	NA	2,480	NA	ND	NA	21,400	NA	NA	NA
HIMW-018I	4,000	63,000	3,760	200	52	ND	41,400	29,600	99	640
				Wells Locat	ed Within th	e Plume				
HIMW-012D	13,000	6,100	955	1,390	DN	ND	54,700	61,800	26	100 J
HIMW-012I	65,000	69,400	ND	Ð	ND	ND	38,400	43,200	9	77 J
HIMW-012S	NA	30,200	NA	5,290	NA	ND	NA	21,600	40	460
HIMW-13I	28,000	NA	ND	NA	ND	NA	60,200	NA	16	NA
HIMW-014D	NA	24,100	NA	ND	NA	ND	NA	79,500	NA	190 J
HIMW-014I	116,000	62,500	ND	ND	ND	ДN	20,000	23,100	. 3	160 J
HIMW-015D	ND	ND	ND	ND	ND	ND	47,600	57,500	35 J	930
HIMW-015I	65,000	NA	ND	NA	ND	NA	28,800	NA	104 J	NA

- NA Not Analyzed
- ND Not Detected
- D Results reported from a separate secondary dilution analysis.
- J Analyte was positively identified, reported concentration is approximate.
 Sampling for the Second Quarter of 2007 was performed between April 4 and May 2, 2007.
 Sampling for the Third Quarter of 2007 was performed between July 24 and August 6, 2007.

Hempstead Intersection Street Former MGP Site Miscellaneous Parameters

Well ID	Total Iron		Dissolv	ed Iron	Carbon	Dioxide	Methane	
	Second	Third	Second	Third	Second	Third	Second	Third
	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter
	2007	2007	2007	2007	2007	2007	2007	2007
	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]	[ppb]
	We	ells Located	Outside of the	he Plume or	at the Plum	e Perimeter		
HIMW-004D	330	213 J	ND	111	34,400	60,900	ND	ND
HIMW-004I	688	567	ND	21.0 J	20,500	63,500	ND	ND
HIMW-004S	120	45.3 J	ND	48.4 J	22,000	39,600	ND	ND
HIMW-010D	198	929 J	ND	48.9 J	9,900	42,900	ND	ND
HIMW-010I	199	129 J	ND	75.3 J	ND	ND	ND	ND
HIMW-010S	9,250	3,910	8,660	2,510	45,200	9,400	ND	ND
PZ-02	NA	NA	NA	NA	NA	NA	NA	NA
		W	ells Located	Within the S	Source area			
HIMW-011S	NA	NA	NA	NA	NA	NA	NA	NA
HIMW-018I	342	3,560 J	267	159	ND	ND	ND	ND
			Wells Locat	ted Within th	e Plume			
HIMW-012D	727	255 J	124	98.2 J	10,900	70,200	ND	19
HIMW-012I	22,900	20,500 J	20,800	16,900	59,100	230,000	64.9	330 D
HIMW-012S	1,660	390 J	ND	34.7 J	6,500	64,700	ND	ND
HIMW-13I	NA	NA	NA	NA	NA	NA	NA	NA
HIMW-014D	2,430	5,620 J	1,020	898	42,200	171,000	ND	180 D
HIMW-014I	45,700	44,900 J	32,500	16,700	75,600	244,000	ND	290 D
HIMW-015D	16,500	17,200 J	17,100	15,200	ND	ND	NA	210 D
HIMW-015I	375	480 J	114	97.4 J	18,700	135,000	ND	32 D

- NA Not Analyzed
- ND Not Detected
 - D Results reported from a separate secondary dilution analysis.
 - J Analyte was positively identified, reported concentration is approximate.
 Sampling for the Second Quarter of 2007 was performed between April 4 and May 2, 2007.
 Sampling for the Third Quarter of 2007 was performed between July 24 and August 6, 2007.

Table 5

Hempstead Intersection Street Former MGP Site
Product Recovery
November and December 2007

Well ID	Dec	ember 27, 2	2007	Dec	cember 6, 2	007	November 2007		
	Thickness	Thickness	Volume	Thickness	Thickness	Volume	Thickness	Thickness	Volume
	of LNAPL	of DNAPL	Removed	of LNAPL	of DNAPL	Removed	of LNAPL	of DNAPL	Removed
			(1)			(1)			(1)
	[ft]	[ft]	[gal]	[ft]	[ft]	[gal]	[ft]	[ft]	[gal]
HIMW-001S	0	0	0	0	0	0	0	0	0
HIMW-001I	0	2.5	0.41	0	0	0	0	2.96	0.48
HIMW-006S	0	3	0.49	0	0	0	0	0.5	0.08
HIMW-0061	0	0	0	0	0	0	NI	NI	0
HIMW-007S	0	1.5	0.24	0	0.12	0.02	0	0.67	0.11
HIMW-007I	0	0	0	0	0	0	NI	NI	0
HIMW-007D	0	0	0	0	0	0	NI	NI	0
HIMW-010S	NI		0	NI	NI	0	NI	NI	0
HIMW-011S	Sheen	0	0	0	0	0	0	0	0
HIMW-011I	0	0	0	0	0	0	NI	NI	0
HIMW-016S	0	4.5	0.73	0	2.73	0.45	0	2.28	0.37
HIMW-016I	0	4.5	0.73	0	4.05	0.66	0	3.52	0.57
HIMW-017\$	0	1.75	0.29	0	1.00	0.16	0	1.05	0.17
HIMW-018S	0	0	0	0	1.05	0.17	0	0.02	0.00
HIMW-018I	0	0	0	0	0	0	NI	NI	0
HIMW-019S	0	0	0	0	Trace	0	0	Trace	0
HIMW-019I	0	0	0	0	0	0	NI	N	0
PZ-08	0	1.5	0.24	0	1.36	0.22	0	1.35	0.22
	Volume Removed 3.14		Volume Re	moved	1.68	Volume Re	2.02		

- NI well not included in the product recovery program during this round
- NA No Access
- LNAPL light non-aqueous phase liquid
- DNAPL dense non-aqueous phase liquid
 - ** pump became lodged in the well
 - (1) Volume of product recovered estimated by multiplying the cross sectional area of well screen by the thickness of product layer measured prior to pumping. All monitoring wells are 2-inch diameter: Vol = 0.163 gal / Ift of well screen.

Hempstead Intersection Street Former MGP Site Product Recovery September and October 2007

Well ID	October 25, 2007			Octob	er 4, 2007		Se	September 2007		
	Thickness	Thickness	Volume	Thickness	Thickness	Volume	Thickness	Thickness	Volume	
1	of LNAPL	of DNAPL	Removed	of LNAPL	of DNAPL	Removed	of LNAPL	of DNAPL	Removed	
			(1)			(1)		=	(1)	
	[ft]	[ft]	[gal]	[ft]	[ft]	[gal]	[ft]	[ft]	[gal]	
HIMW-001S	0	0	0	0	Trace	0	0	0.02	0	
HIMW-0011	0	3	0.49	0	2.9	0.47	0	3.65	0.60	
HIMW-006S	Sheen	2.2	0	0	1.5	0.24	0	0.5	0.08	
HIMW-006I	NI	NI	0	NI	NI	0	NI	NI	0	
HIMW-007S	0	0.2	0.03	Sheen	0.54	0.09	Sheen	2.35	0.38	
HIMW-007I	NI	NI	0	NI	NI	0	NI	NI	0	
HIMW-007D	NI	NI	0	NI	NI	0	NI	NI	0	
HIMW-010S	NI	NI	0	NI	NI	0	NI	NI	0	
HIMW-011S	Sheen	0	0	0.17	0	0.03	Sheen	0	.0	
HIMW-011I	NI	N1	0	NI	N1	0	NI.	NI	0	
HIMW-016S	0	3.5	0.57	NA	NA	0	NA	NA	0	
HIMW-0161	0	5.6	0.91	NA	NA	0	NA	NA	0	
HIMW-017S	NA	NA	0	NA.	NA	0	NA	NA	0	
HIMW-018S	0	Trace	0	0	0.06	0.01	Sheen	0.25	0.04	
HIMW-018I	NI	NI	0	Ni	NI	0	NI	NI	. 0	
HIMW-019S	0	Trace	0	0	Trace	0	0	0.15	0.02	
HIMW-019I	NI.	NI	0	NI		0	NI	NI	0	
PZ-08	0	1.5	0.24	0	1.5	0.24	0	1.43	0.23	
	Volume Removed 2.25		Volume Re	moved	1.09	Volume Re	emoved	1.36		

Notes:

NI - well not included in the product recovery program during this round

NA - No Access

LNAPL - light non-aqueous phase liquid

DNAPL - dense non-aqueous phase liquid

** - pump became lodged in the well

(1) - Volume of product recovered estimated by multiplying the cross sectional area of well screen by the thickness of product layer measured prior to pumping. All wells wells are 2-inch diameter: Vol = 0.163 gal / Ift of well screen.

Hempstead Intersection Street Former MGP Site Product Recovery May, June and August 2007

Well ID	August 2007				June 2007	•	May 2007		
	Thickness	Thickness	Volume	Thickness	Thickness	Volume	Thickness	Thickness	Volume
	of LNAPL	of DNAPL	Removed	of LNAPL	of DNAPL	Removed	of LNAPL	of DNAPL	Removed
			(1)			(1)			(1)
	[ft]	[ft]	[gal]	[ft]	[ft]	[gal]	[ft]	[ft]	[gal]
HIMW-001S	0	0	0	Sheen			Sheen		0.18
HIMW-001I	0	**	0	0	4.65	0.76	0	7.3	1.19
HIMW-006S	0	1.07	0.17	0	1.05	0.17	0	4.25	0.69
HIMW-006I	NI	NI	0	NI	NI	0	NI	NI	0
HIMW-007S	0	1.38	0.23	0	0.93	0.15	0	1.85	0.30
HIMW-007I	NI	NI	0	NI	NI	0	NI	NI	0
HIMW-007D	NI	NI	0	NI	NI	0	NI	NI	0
HIMW-010S	NI	NI	0	NI	NI	0	0	NI	0
HIMW-011S	Sheen	0	0	Sheen	0	0	Sheen	0	0
HIMW-011I	NI	NI	0	NI	NI	0	NI	NI	0
HIMW-016S	NA	NA	0	NA	NA	0	0	NA	0
HIMW-016I	NA	NA	0	NA	NA	0	0	NA	0
HIMW-017S	NA	NA		NA	NA		0	NA	0
HIMW-018S	0	1.48	0.24	0	0.4	0.07	0	2.42	0.39
HIMW-018I	NI	Ni	0	NI	N1	0	NI	NI	0
HIMW-019S	0	0	0	0	0.05	0.01	0	1.35	0.22
HIMW-019I	NI	NI	. 0	NI	NI	Ö	NI_	NI	0
PZ-08	0	1.58	0.26	0	0.97	0.16	0	1.42	0.23
	Volume Removed 0.90		Volume Re	emoved	1.44	Volume Re	3.21		

Notes:

NI - well not included in the product recovery program during this round

NA - No Access

LNAPL - light non-aqueous phase liquid

DNAPL - dense non-aqueous phase liquid

- ** pump became lodged in the well
- (1) Volume of product recovered estimated by multiplying the cross sectional area of well screen by the thickness of product layer measured prior to pumping. All wells wells are 2-inch diameter: Vol = 0.163 gal / lft of well screen.

Hempstead Intersection Street Former MGP Site Product Recovery December 2003

Well ID	December 2003					
	Thickness	Thickness	Volume			
	of LNAPL	of DNAPL	Removed			
			(1)			
	[ft]	[ft]	[gal]			
HIMW-001S	Sheen	3.77	0.62			
HIMW-001I	0	0	0			
HIMW-006S	0	3.4	0.55			
HIMW-0061	NI	N!	0			
HIMW-007S	Sheen	3	0.49			
HIMW-0071	Ni	NI	0			
HIMW-007D	NI	NI	0			
HIMW-010S	0	0	0			
HIMW-011S	Sheen	0	0			
HIMW-011I	NI	NI	0			
HIMW-016S	Sheen	4.25	1			
HIMW-0161	0	5.3	0.87			
HIMW-017S	Sheen	5.75	0.94			
HIMW-018S	0	1.15	0.19			
HIMW-018I	NI	NI	0			
HIMW-019S	0	0.41	0.07			
HIMW-019I	NI	NI	0			
PZ-08	0	0	0			
	Volume Removed 4.4					

Notes:

NI - well not included in the product recovery program during this round

NA - No Access

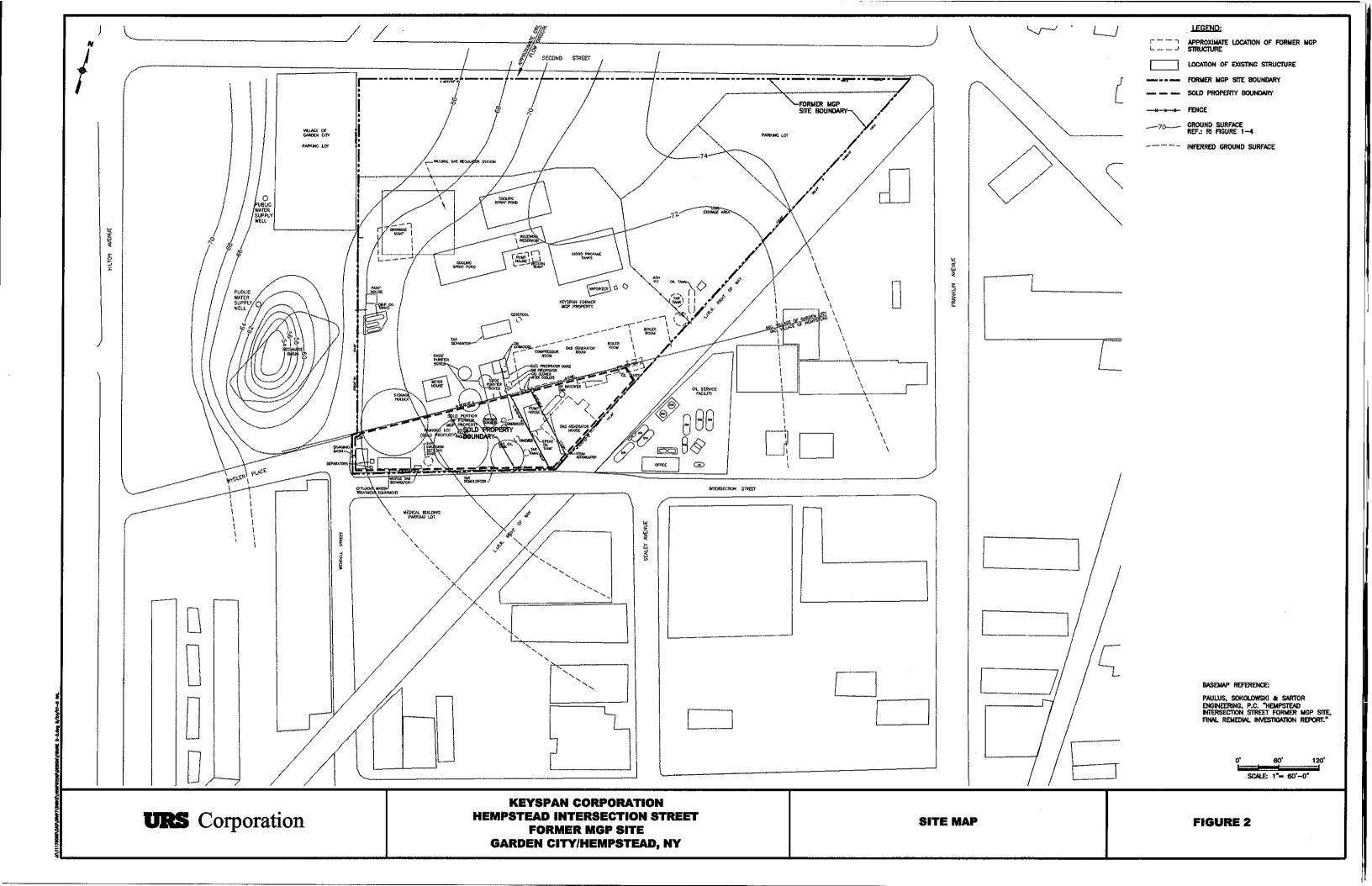
LNAPL - light non-aqueous phase liquid

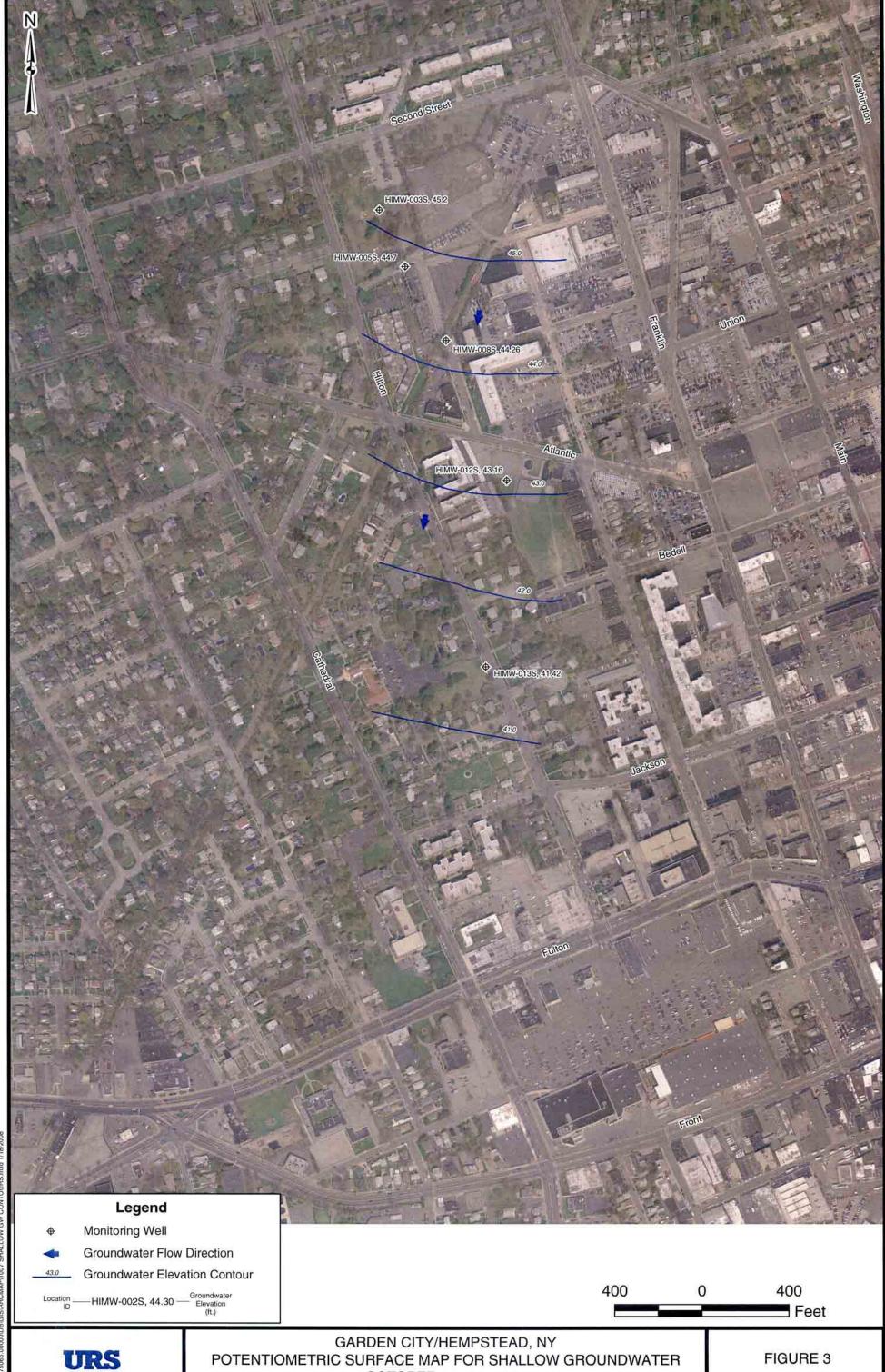
DNAPL - dense non-aqueous phase liquid

** - pump became lodged in the well

(1) - Volume of product recovered estimated by multiplying the cross sectional area of well screen by the thickness of product layer measured prior to pumping. All wells wells are 2-inch diameter: Vol = 0.163 gal / Ift of well screen.

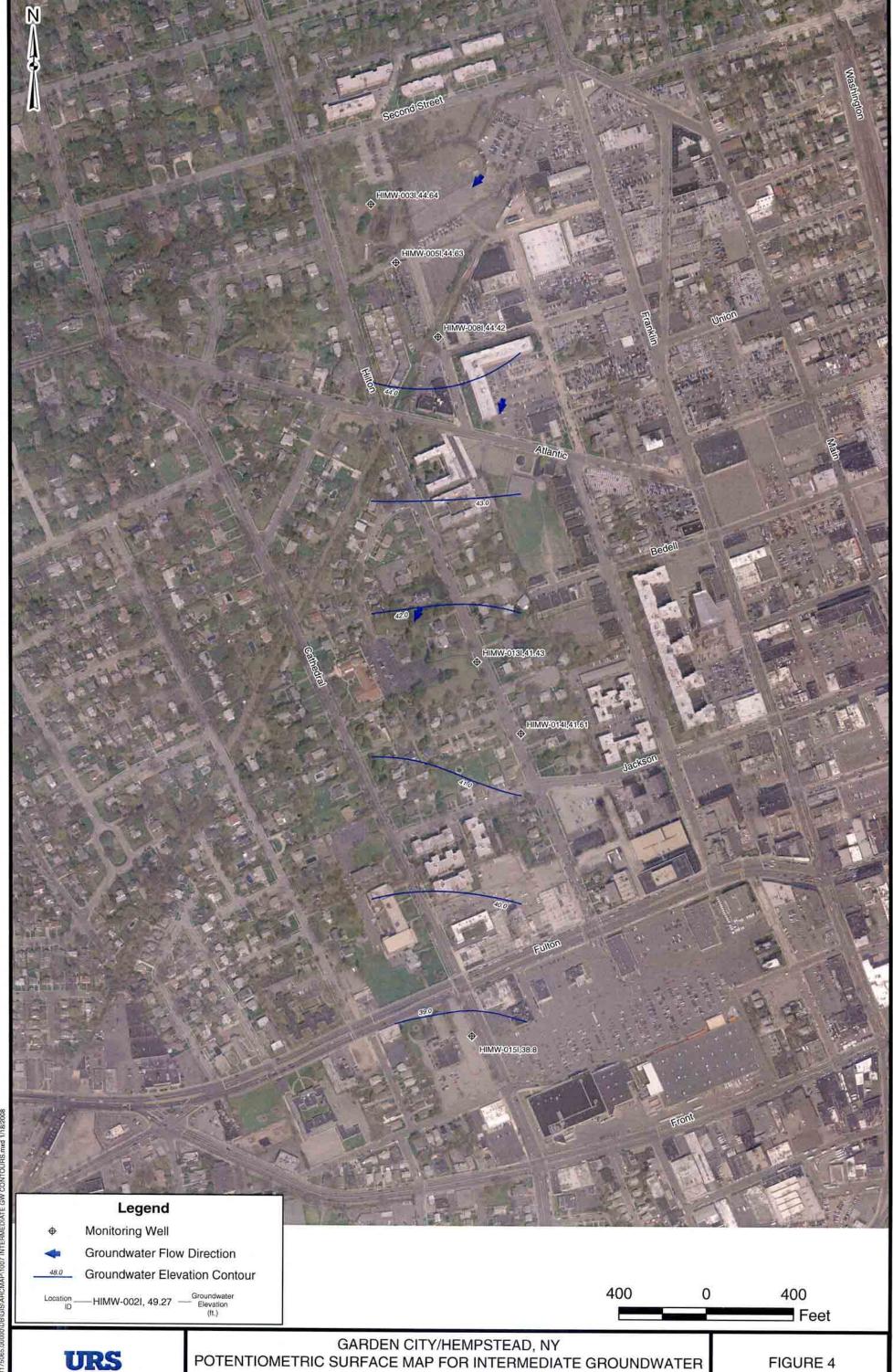
FIGURES





URS

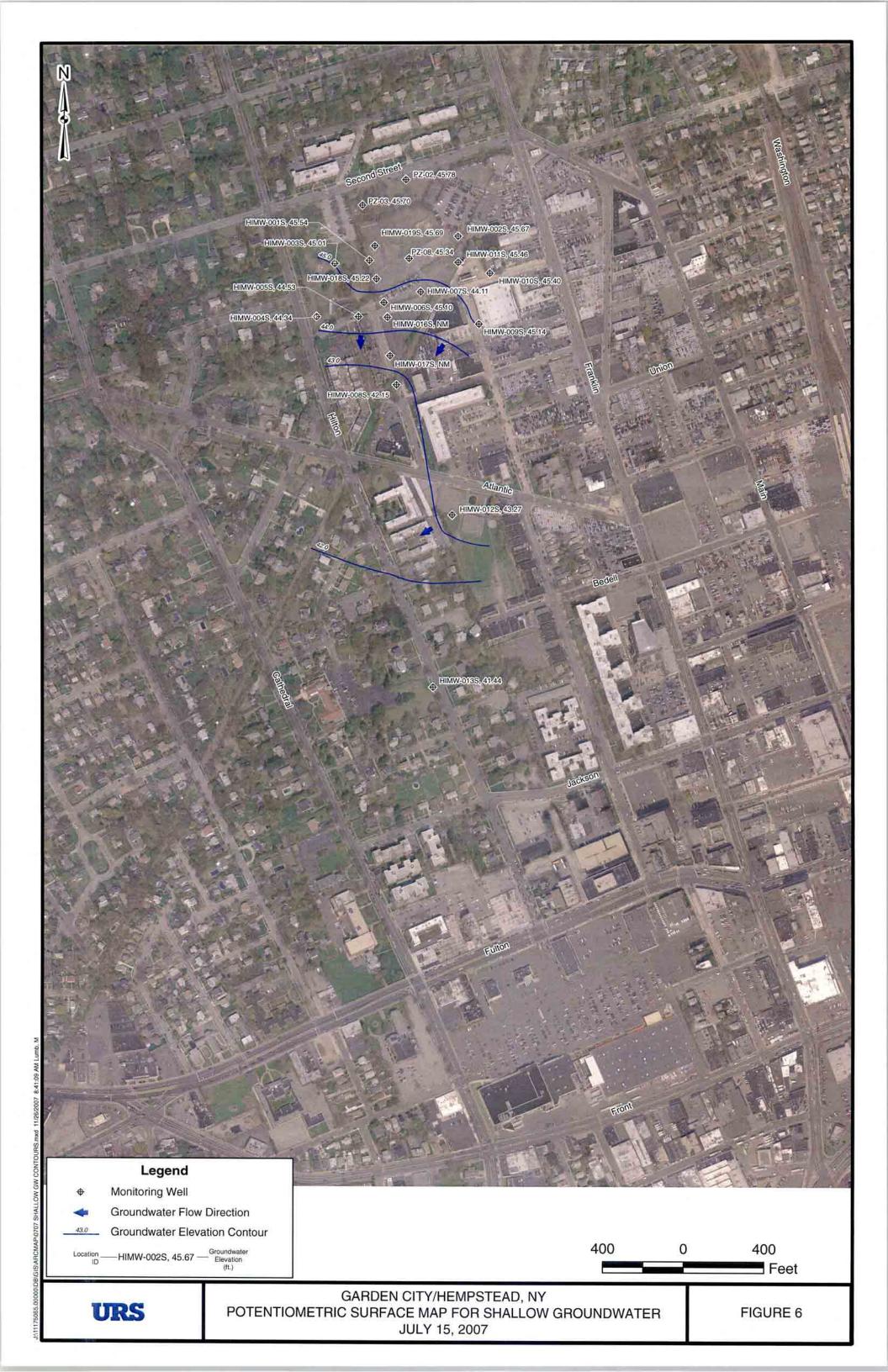
OCTOBER 15 - 23, 2007



URS

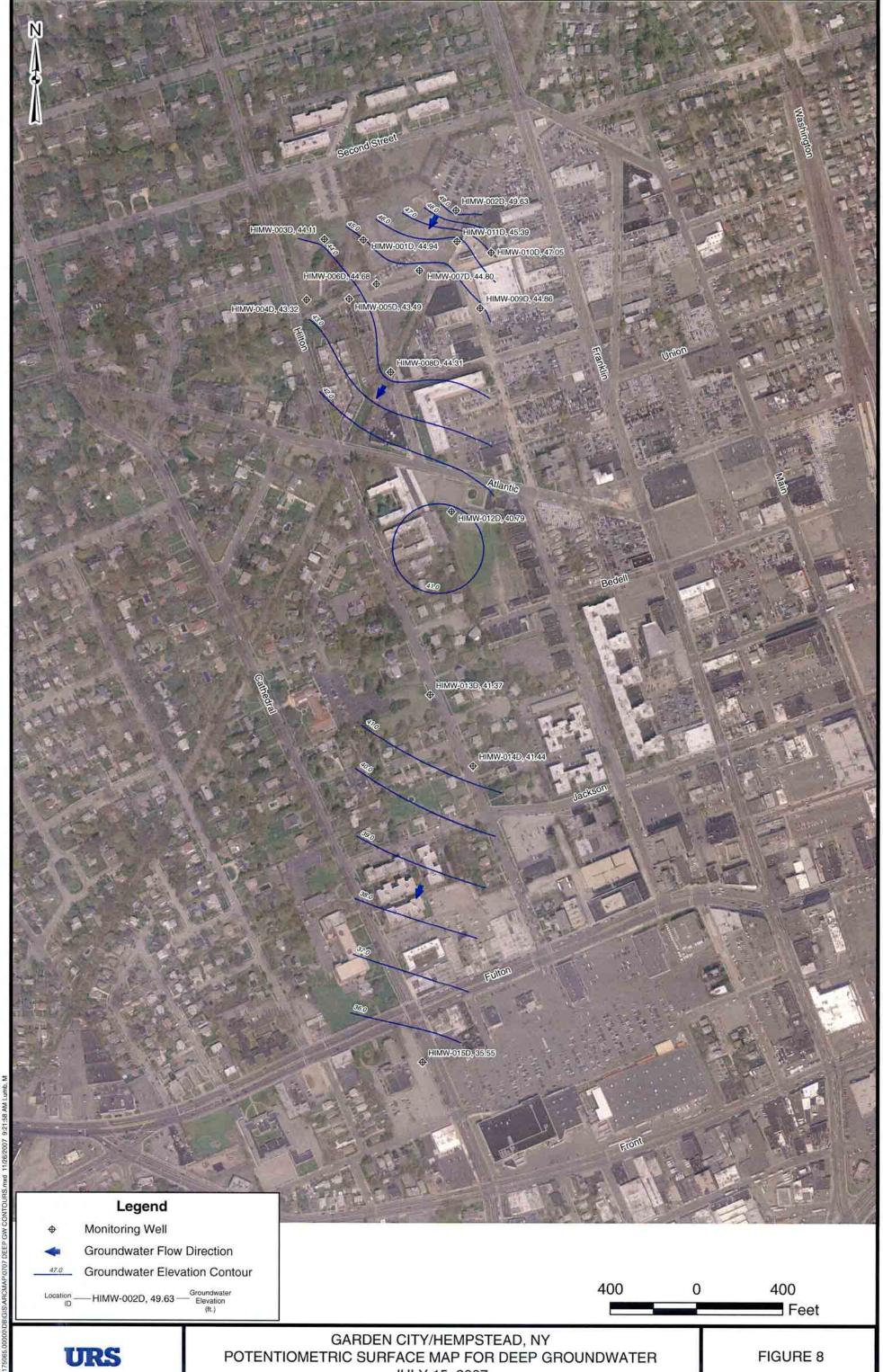
POTENTIOMETRIC SURFACE MAP FOR INTERMEDIATE GROUNDWATER OCTOBER 15 - 23, 2007



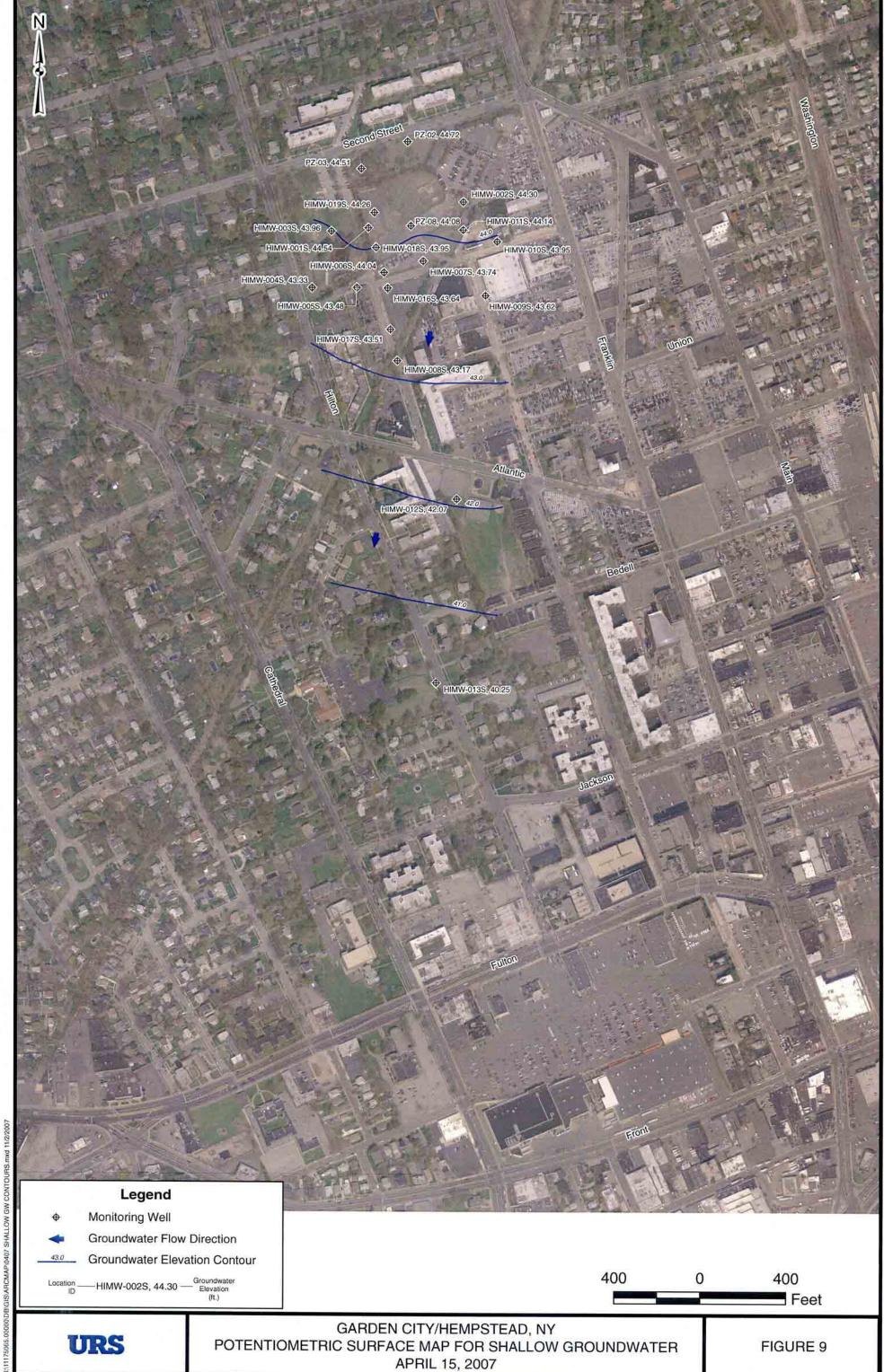




URS



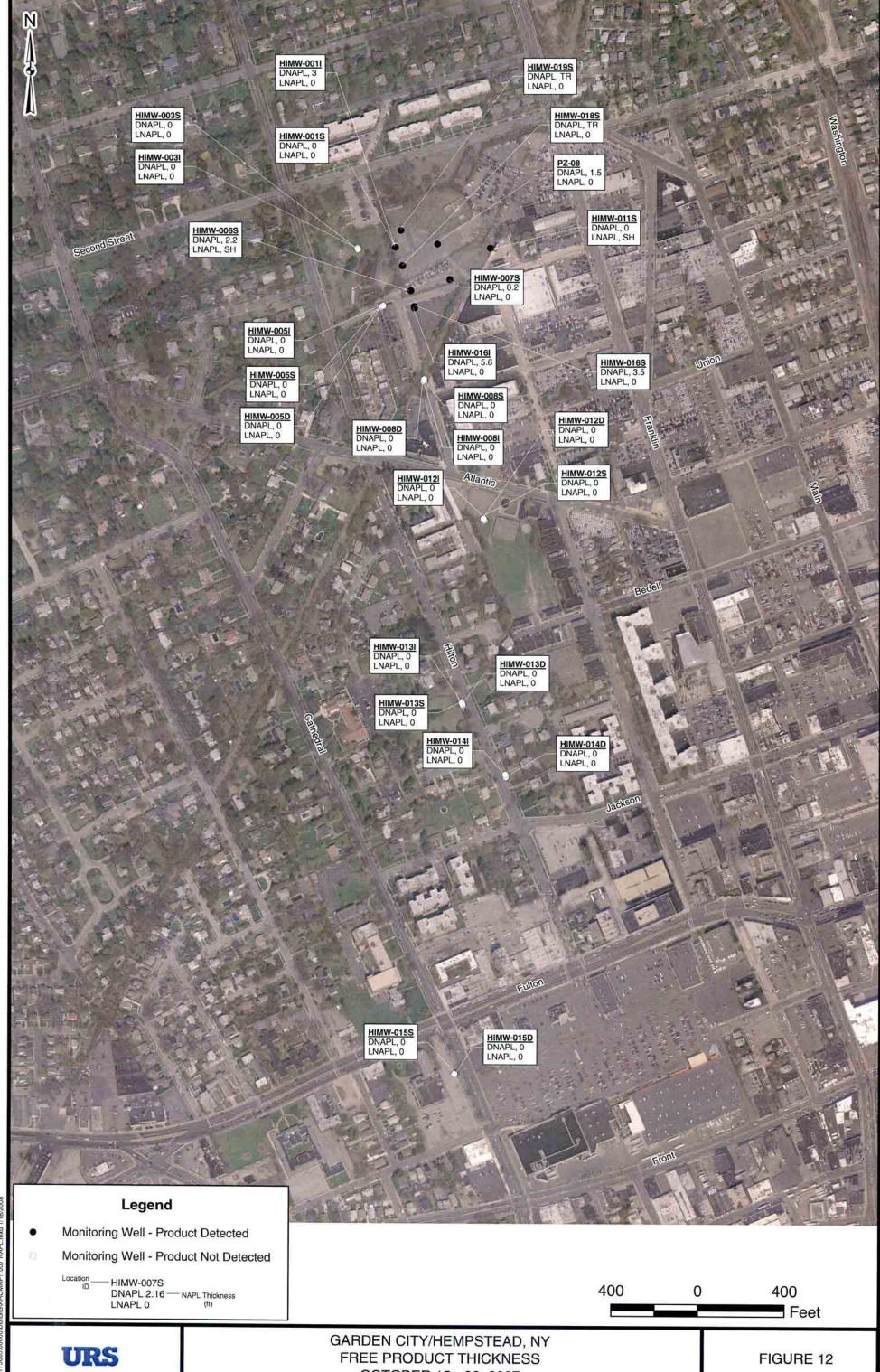
JULY 15, 2007



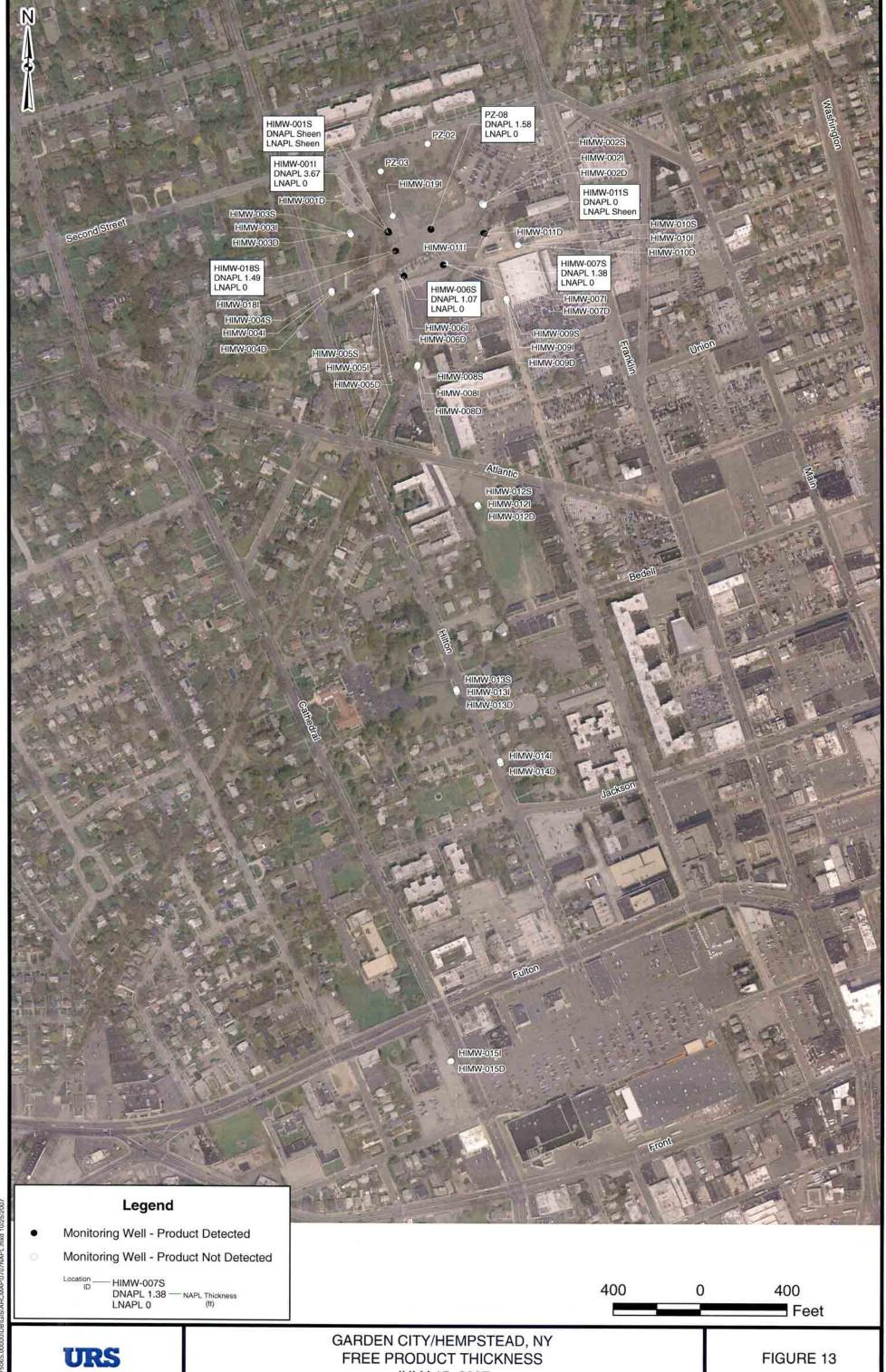
APRIL 15, 2007







OCTOBER 15 - 23, 2007



JULY 15, 2007



URS

APRIL 15, 2007



OCTOBER 15 - 23, 2007



JULY 24 - AUGUST 6, 2007

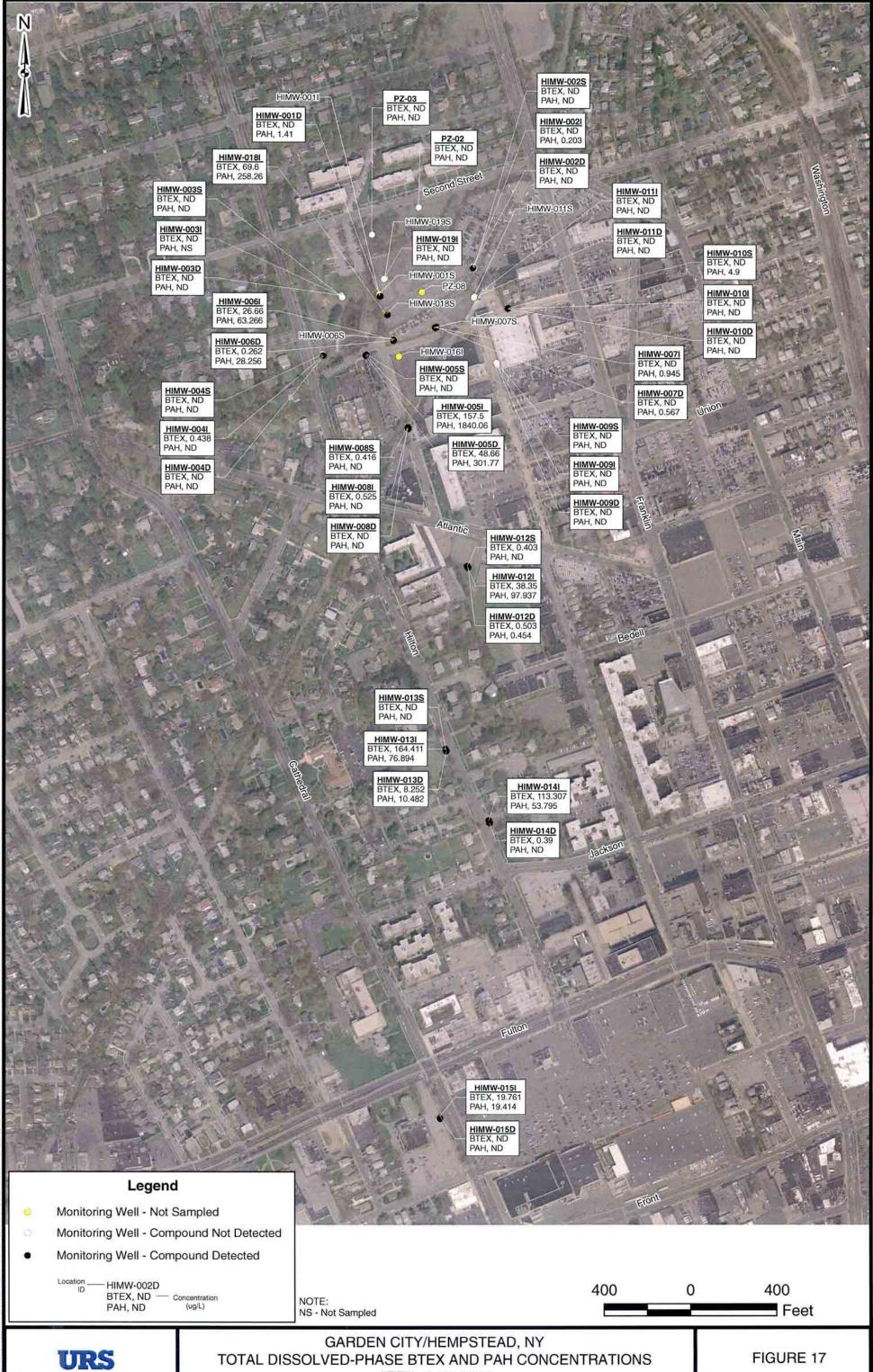


Figure 18
Hempstead Intersection St. Former MGP Site
Product Thickness vs Time
LNAPL

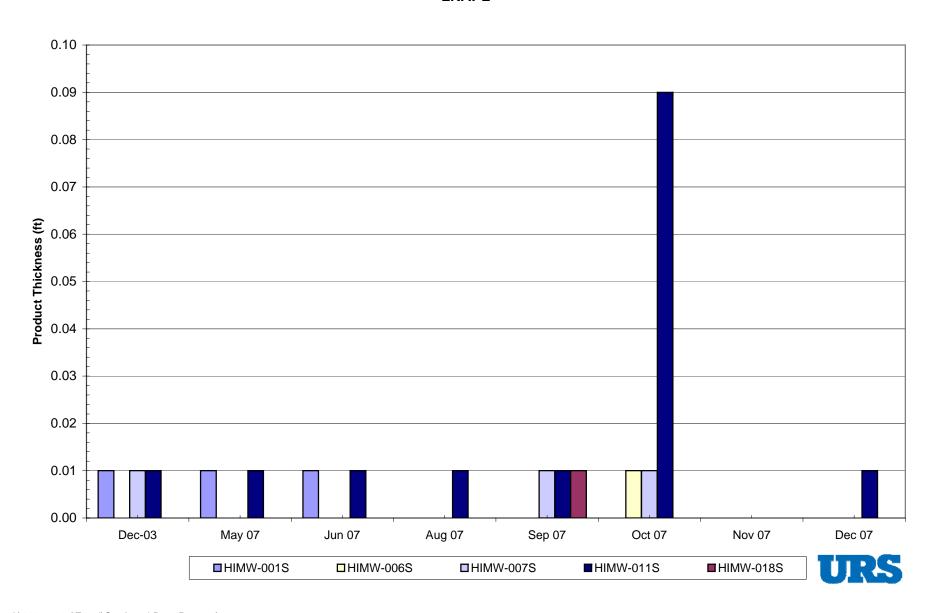


Figure 19
Hempstead Intersection St. Former MGP Site
Product Thickness vs Time

DNAPL
High Levels

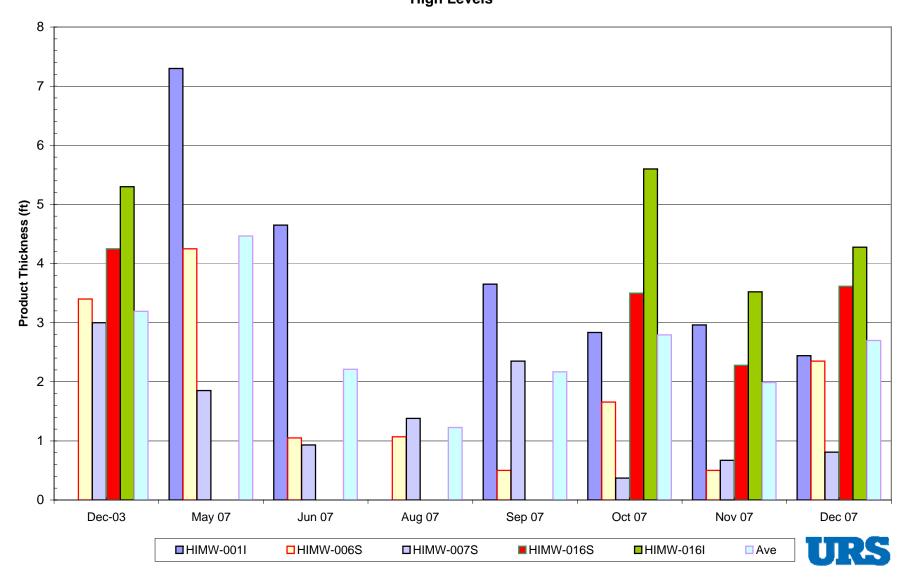
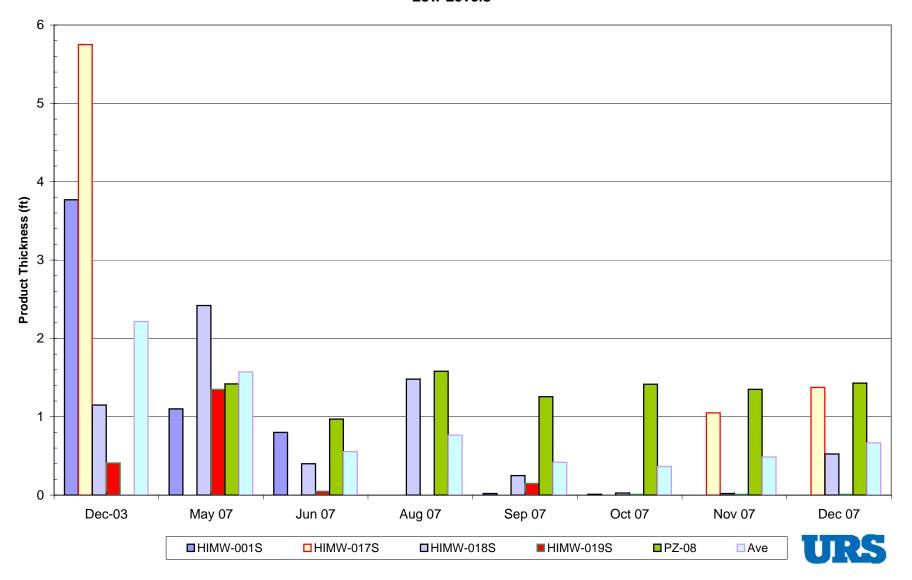
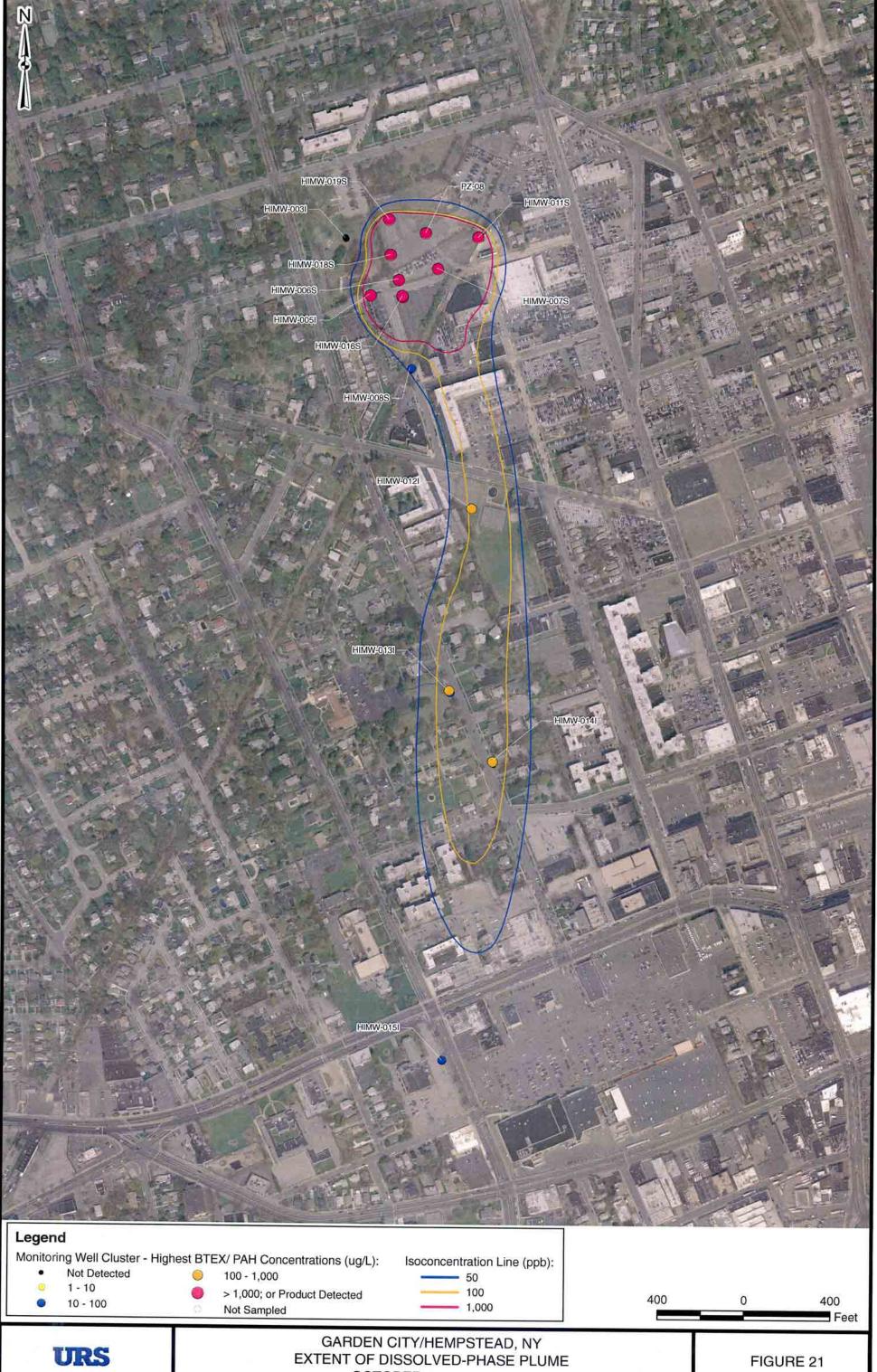


Figure 20
Hempstead Intersection St. Former MGP Site
Product Thickness vs Time

DNAPL Low Levels





OCTOBER 15 - 23, 2007





ATTACHMENT A DATA USABILITY SUMMARY REPORTS FOR SECOND, THIRD AND FOURTH QUARTERS 2007

ATTACHMENT A DATA USABILITY SUMMARY REPORT SECOND QUARTER 2007

HEMPSTEAD INTERSECTION STREET FORMER MGP SITE VILLAGES OF GARDEN CITY AND HEMPSTEAD LONG ISLAND, NEW YORK

Analyses Performed by:
INTEGRATED ANALYTICAL LABORATORIES, LLC

Prepared For:
KEYSPAN CORPORATION
175 EAST OLD COUNTRY RD.
HICKSVILLE, NY 11801

Prepared by:
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

NOVEMBER 2007

TABLE OF CONTENTS

	202000000000000000000000000000000000000
	Page No.
I.	INTRODUCTION
II.	ANALYTICAL METHODOLOGIES AND DATA VALIDATIONA-
III.	DATA DELIVERABLE COMPLETENESS
IV.	HOLDING TIMES/SAMPLE RECEIPT
V.	NON-CONFORMANCES
VI.	SAMPLE RESULTS AND REPORTING
VII.	SUMMARY
	TABLES
	IADDES
	(Following Text)
Table .	A-1 Validated Groundwater Sample Analytical Results

ATTACHMENTS

(Following Tables)

Appendix A Validated Form 1's

Appendix B Support Documentation

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Draft DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for the Development of Data Usability Summary Reports,* December 2002. Analytical data for the forty-three (43) groundwater samples, two matrix spike/matrix spike duplicate (MS/MSD) pairs, four field/rinsate blanks, and 10 trip blanks collected by URS personnel on April 3 - May 2, 2007 are discussed in this DUSR. The samples were collected as part of the second quarter 2007 groundwater monitoring event at the Hempstead Intersection Street Former MGP Site.

II. ANALYTICAL METHODOLOGIES AND DATA VALIDATION

The samples were analyzed by Integrated Analytical Laboratories, LLC (Randolph, NJ) for the following parameters:

- Benzene, toluene, ethylbenzene, and xylene (BTEX)– USEPA Method 624;
- Polycyclic aromatic hydrocarbons (PAHs)
 USEPA Method 625;
- Total and dissolved iron USEPA Method 200.7;
- Methane USEPA Method SW3810;
- Total Alkalinity Standard Method (SM) 2320B;
- Nitrate SM 4500-NO₃F;
- Nitrite USGS Method I-4540-85;
- Sulfate USEPA Method 375.4;
- Free Carbon Dioxide SM 4500-CO₂-D;
- Heterotrophic Plate Count SM 9215B; and
- Fuel Fingerprint USEPA SW8015B-Modified.

Not all samples were analyzed for all parameters.

A limited data validation was performed on the samples in accordance with the guidelines in the following USEPA Region II documents:

- Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B, SOP HW-24, Rev. 2, October 2006;
- Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D, SOP HW-22, Rev. 3, October 2006; and
- Validation of Metals for the Contract Laboratory Program (CLP) Based on SOW ILM05.3, SOP HW-2, Rev. 13, September 2006.

Due to the limited amount of data provided by the laboratory, this DUSR has not been prepared in strict compliance with the NYSDEC requirements. A NYSDEC Analytical Services Protocol (ASP) Category B data package (or equivalent) is required for a complete evaluation of data and DUSR preparation.

The limited data validation included a review of holding times; completeness of all required deliverables; quality control (QC) results (blanks, instrument tunes, calibration standards, matrix spike recoveries, duplicate analyses, and laboratory control sample recoveries) to determine if the data are within the protocol-required QC limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data include 'U' (not detected), 'J' (estimated concentration), 'NJ' (tentative identification), and 'UJ' (estimated quantitation limit). The validated analytical results for the groundwater samples are presented in Table A-1. Copies of the validated laboratory results (i.e., Form 1's) are presented in Appendix A. It should be noted that field QC results (i.e., field and trip blanks) are not presented in the tables, but are included with the Form 1's in Appendix A. Documentation supporting the qualification of data is presented in Appendix B. Only problems affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

Limited deliverable data packages were provided by the laboratory, which included reporting forms and case narratives. The data package included sample chromatograms and quantitation reports for organic analyses, but no sample spectra or instrument calibration raw data were provided for the BTEX and PAH analyses. The data packages did not include any raw data for the inorganic parameters.

IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratories intact and under proper chain-of-custody, and were analyzed within the required holding times, except for the following instances.

- Trip blanks were not collected on April 3-4, 2007 for BTEX analysis. Since BTEX were
 not detected in any of the samples collected on these dates, no data qualification was
 necessary.
- For samples collected on April 10, 2007, the laboratory inadvertently labeled the associated trip blank as a field rinsate blank (i.e., FB041007). This was confirmed with the field notes. Only BTEX and methane analysis were requested on this field QC blank, which is typical of a trip blank. Field rinsate blanks are typically collected for all parameters sampled on the same day. The data reviewer made the appropriate ID changes to the data package (i.e., TB041007).
- The PAH containers for samples HIMW-03I and HIMW-08S (collected on April 5 and 6, 2007, respectively) were received broken at the laboratory. An additional sample aliquot for PAHs was subsequently collected on April 17, 2007 for sample HIMW-08S, but no further sample volume was collected for HIMW-03I.

- The dissolved iron (Fe) samples were filtered and then preserved immediately upon sample receipt at the laboratory. Since the samples were received at the laboratory the same day, no data qualification was necessary.
- A blind field duplicate (20070411-FD-1) was collected on April 11, 2007. However, the data reviewer could not definitively identify the parent sample, because this information was not documented in the field notes by the sampler and multiple samples were collected on the same day. Therefore, the field duplicate data was not included in Table A-1, nor are the results discussed in this DUSR.

V. NON-CONFORMANCES

• Instrument Calibration

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in the continuing calibration (CCAL) standards associated with samples HIMW-08I, HIMW-09D, HIMW-10I, HIMW-12S, HIMW-13D, and HIMW-14I were greater than 20% for PAH benzo(b)fluoranthene. The non-detect results for benzo(b)fluoranthene in these samples were qualified 'UJ'.

Documentation supporting the qualification of data (i.e., Forms 5 and 7) is presented in Attachment A.

Blank Contamination

The field blanks associated with samples HIMW-10D, HIMW-04I, HIMW-15 D, and HIMW-15I and exhibited contamination for heterotrophic plate count (HPC) analysis. The HPC results for these samples were qualified 'J', because they were less than 10 times the field blank concentrations.

Documentation supporting the qualification of data (i.e., method blank Forms 1 and 4, or equivalent) is presented in Attachment A.

VI. SAMPLE RESULTS AND REPORTING

All sample results were reported in accordance with method requirements and were adjusted for sample size and dilution factors, except for the following instances.

- The laboratory reported all non-detect results down the method detection limits (MDLs), instead of to the quantitation limits (equivalent to the low-point of calibration curve). Results below the quantitation limits were not qualified 'J' by the laboratory.
- For sample HIMW-14I, the detected fluoranthene result was reported by the laboratory below the MDL, and qualified 'J'. Typically, laboratories do not report results below the MDL. The fluoranthene result for this sample was qualified 'J' and should be used with caution, because the laboratory did not submit raw and enhanced spectra to confirm its positive identification.
- The metals "Conformance/NonconformanceSummaries" for total and dissolved Fe reported that several samples exhibited high sediment content, which could affect sample result reproducibility, due to the leaching capacity of some metals into solution over extended storage time. The laboratory took precautions to take representative sample aliquots for metals analysis. Of all the samples that were affected, only sample HIMW-15D had a dissolved Fe result greater than its total result. Since the relative percent difference (RPD) between the two results was 3.6%, which is within USEPA Region II data validation QC limits (i.e., ≤ 20%), no data qualification was necessary.
- The laboratory reported fuel oil #2 (i.e., diesel fuel) as the closest match in the fuel fingerprint analysis of sample HIMW-11S collected on 4/17/07. The result was

qualified 'NJ' because the chromatographic pattern of the sample was not a definitive match to the diesel fuel standard. The sample's chromatographic pattern suggests

that lower molecular weight petroleum products may also be present in the sample.

The BTEX analyses of samples HIMW-05I and HIMW-13I required secondary

dilutions to allow for quantification of all project target analytes within the

calibration range of the instrument. Results reported from secondary dilution

analyses were qualified 'D' by the laboratory.

The PAH MDLs for samples HIMW-03S and PZ-02 were elevated by a factor of two

because the laboratory used 500 mL sample aliquots instead of 1 liter for extraction.

There was no documentation in the data package citing limited volume for these

samples.

The PAH analyses of samples HIMW-5D, HIMW-5I, and HIMW-18I required

secondary dilution due to the high concentration of target compounds in the samples.

The laboratory only reported results from the dilution analyses, therefore the MDLs

for the non-detect compounds are elevated.

VII. **SUMMARY**

All sample analyses were found to be compliant with the method and validation criteria,

except where previously noted. Those results qualified 'J' (estimated), 'NJ' (tentative identification)

or 'UJ' (estimated quantitation limit) are considered conditionally usable. All other sample results are

usable as reported. URS does not recommend the recollection of any samples at this time.

Prepared By: Peter R. Fairbanks, Senior Chemist

Date: |1||21||07Date: |1||21||07

Reviewed By: Mary E. Bitka, Principal Chemist MIA

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- D The sample results are reported from a separate secondary dilution analysis.
- NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Location ID		HIMW-001D	HIMW-002D	HIMW-0021	HIMW-002S	HIMW-003D
Sample ID Matrix		HIMW-1D	HIMW-02D	HIMW-021	HIMW-02S	HIMW-03D
		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-		-	-	-
Date Sampled		04/13/07	04/16/07	04/16/07	04/17/07	04/04/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	0.260 U	0.260 U	0.260 U	0.260 U	0.250 U
Ethylbenzene	UG/L	0.400 U	0.400 U	0.400 U	0.400 U	0.300 U
Toluene	UG/L	0.260 U	0.260 U	0.260 U	0.260 U	0.310 U
Xylene (total)	UG/L	1.21 U	1.21 U	1.21 U	1.21 U	0.800 U
Total BTEX	UG/L	ND	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/L	0.085 U	0.085 U	0.085 U	0.085 U	0.170 U
Acenaphthylene	UG/L	0.079 U	0.079 U	0.079 U	0.079 U	0.158 U
Anthracene	UG/L	0.214 U	0.214 U	0.214 U	0.214 U	0.428 U
Benzo(a)anthracene	UG/L	0.130 U	0.130 U	0.130 U	0.130 U	0.260 U
Benzo(a)pyrene	UG/L	0.190 U	0.190 U	0.190 U	0.190 U	0.380 U
Benzo(b)fluoranthene	UG/L	0.270 U	0.270 U	0.270 U	0.270 U	0.540 U
Benzo(g,h,i)perylene	UG/L	0.293 U	0.293 U	0.293 U	0.293 U	0.586 U
Benzo(k)fluoranthene	UG/L	0.250 U	0.250 U	0.250 U	0.250 U	0.500 U
Chrysene	UG/L	0.142 U	0.142 U	0.142 U	0.142 U	0.284 U
Dibenz(a,h)anthracene	UG/L	0.360 U	0.360 U	0.360 U	0.360 U	0.720 U
Fluoranthene	UG/L	0.288 U	0.288 U	0.288 U	0.288 U	0.576 U
Fluorene	UG/L	0.128 U	0.128 U	0.128 U	0.128 U	0.256 U
Indeno(1,2,3-cd)pyrene	UG/L	0.260 U	0.260 U	0.260 U	0.260 U	0.520 ∪
Naphthalene	UG/L	1.41	0.079 U	0.203	0.079 U	0.158 U
Phenanthrene	UG/L	0.220 U	0.220 U	0.220 U	0.220 U	0.440 U
Pyrene	UG/L	0.144 U	0.144 U	0.144 U	0.144 U	0.288 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	1.41	ND	0.203	ND	ND

Flags assigned during chemistry validation are shown.

Location ID	HIMW-001D	HIMW-002D	HIMW-002I	HIMW-002S	HIMW-003D	
Sample ID		HIMW-1D	HIMW-02D	HIMW-02I	HIMW-02S	HIMW-03D
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		04/13/07	04/16/07	04/16/07	04/17/07	04/04/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	NA	NA
Diesel Fuel	POS/NEG	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	NA	NA
Methane	UG/L	NA	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-0031	HIMW-003S	HIMW-004D	HIMW-004I	HIMW-004S
Sample ID		HIMW-03I	HIMW-3S	HIMW-04D	HIMW-04I	HIMW-04S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		04/05/07	04/03/07	04/04/07	04/05/07	04/04/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	0.250 U				
Ethylbenzene	UG/L	0.300 U				
Toluene	UG/L	0.310 U	0.310 U	0.310 U	0.438	0.310 U
Xylene (total)	UG/L	0.800 U				
Total BTEX	UG/L	ND	ND	ND	0.438	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/L	NA	0.170 U	0.170 U	0.170 U	0.170 U
Acenaphthylene	UG/L	NA	0.158 U	0.158 U	0.158 U	0.158 U
Anthracene	UG/L	NA	0.428 U	0.428 U	0.428 U	0.428 U
Benzo(a)anthracene	UG/L	NA	0.260 U	0.260 U	0.260 U	0.260 U
Benzo(a)pyrene	UG/L	NA	0.380 U	0.380 U	0.380 U	0.380 U
Benzo(b)fluoranthene	UG/L	NA	0.540 U	0.540 U	0.540 U	0.540 U
Benzo(g,h,i)perylene	UG/L	NA	0.586 U	0.586 U	0.586 U	0.586 U
Benzo(k)fluoranthene	UG/L	NA	0.500 U	0.500 U	0.500 U	0.500 U
Chrysene	UG/L	NA	0.284 U	0.284 U	0.284 U	0.284 U
Dibenz(a,h)anthracene	UG/L	NA	0.720 U	0.720 U	0.720 U	0.720 U
Fluoranthene	UG/L	NA	0.576 U	0.576 U	0.576 U	0.576 U
Fluorene	UG/L	NA	0.256 U	0.256 U	0.256 U	0.256 U
Indeno(1,2,3-cd)pyrene	UG/L	NA	0.520 U	0.520 U	0.520 U	0.520 U
Naphthalene	UG/L	NA	0.158 U	0.158 U	0.158 U	0.158 U
Phenanthrene	UG/L	NA	0.440 U	0.440 U	0.440 U	0.440 U
Pyrene	UG/L	NA	0.288 U	0.288 U	0.288 U	0.288 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	NA	ND	ND	ND	ND

Flags assigned during chemistry validation are shown.

Location ID Sample ID		HIMW-003I	HIMW-003S	HIMW-004D	HIMW-004I	HIMW-004S
		HIMW-03I	HIMW-3S	HIMW-04D	HIMW-04I	HIMW-04S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		•	-	-	-	
Date Sampled		04/05/07	04/03/07	04/04/07	04/05/07	04/04/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	330	688	120
Dissolved Metals						
Iron	UG/L	NA	NA	100 U	100 U	100 U
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	13,000	32,500	13,500
Diesel Fuel	POS/NEG	NA NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	5,020	3,920	2,000
Nitrite-Nitrogen	UG/L	NA	NA	50.0 U	50.0 U	50.0 U
Sulfate (as SO4)	UG/L	NA	NA	23,100	29,700	22,700
Heterotrophic Plate Count	CFU/ML	NA	NA	56	980 J	26
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	34,400	20,500	22,000
Methane	UG/L	NA	NA	60.0 U	60.0 U	60.0 U

Flags assigned during chemistry validation are shown.

Location ID		HIMW-005D	HIMW-005I	HIMW-005S	HIMW-006D	HIMW-006I
Sample ID		HIMW-5D Groundwater	HIMW-05I Groundwater	HIMW-5S	HIMW-6D	HIMW-6I Groundwater
Matrix				Groundwater	Groundwater	
Depth Interval (ft)		•		-	-	-
Date Sampled		04/12/07	04/13/07	04/12/07	04/11/07	04/11/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	0.250 U	8.42	0.250 U	0.260 U	13.6
Ethylbenzene	UG/L	0.300 U	3.90	0.300 U	0.400 U	0.400 U
Toluene	UG/L	1.66	3.18	0.310 U	0.262	5.72
Xylene (total)	UG/L	47.0	142 D	0.800 U	1.21 U	7.34
Total BTEX	UG/L	48.66	157.5	ND	0.262	26.66
Semivolatile Organic Compounds						
Acenaphthene	UG/L	0.425 U	8.86	0.085 U	0.522	0.511
Acenaphthylene	UG/L	8.77	113	0.079 U	2.41	7.82
Anthracene	UG/L	1.07 U	5.35 U	0.214 U	2.18	0.214 U
Benzo(a)anthracene	UG/L	0.650 U	3.25 U	0.130 U	0.478	0.130 U
Benzo(a)pyrene	UG/L	0.950 U	4.75 U	0.190 U	0.190 U	0.190 U
Benzo(b)fluoranthene	UG/L	1.35 U	6.75 U	0.270 U	0.270 U	0.270 U
Benzo(g,h,i)perylene	UG/L	1.47 U	7.33 U	0.293 U	0.293 U	0.293 U
Benzo(k)fluoranthene	UG/L	1.25 U	6.25 U	0.250 U	0.250 U	0.250 U
Chrysene	UG/L	0.710 U	3.55 U	0.142 U	0.816	0.142 U
Dibenz(a,h)anthracene	UG/L	1.80 U	9.00 U	0.360 U	0.360 U	0.360 U
Fluoranthene	UG/L	1.44 U	7.20 U	0.288 U	1.47	0.288 U
Fluorene	UG/L	0.640 U	25.7	0.128 U	2.19	1.54
Indeno(1,2,3-cd)pyrene	UG/L	1.30 U	6.50 U	0.260 U	0.260 U	0.260 U
Naphthalene	UG/L	293	1,680	0.079 U	8.82	53.1
Phenanthrene	UG/L	1.10 U	12.5	0.220 U	7.04	0.295
Pyrene	UG/L	0.720 U	3.60 U	0.144 U	2.33	0.144 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	301.77	1,840.06	ND	28.256	63.266

Flags assigned during chemistry validation are shown.

Location ID	HIMW-005D	HIMW-005I	HIMW-005S	HIMW-006D	HIMW-0061	
Sample ID		HIMW-5D	HIMW-05I	HIMW-5S	HIMW-6D	HIMW-6I
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	•	-
Date Sampled		04/12/07	04/13/07	04/12/07	04/11/07	04/11/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	NA	NA
Diesel Fuel	POS/NEG	NA	NA	NA	NA	NA .
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	NA
Dissolved Gases						,
Carbon dioxide	UG/L	NA	NA	NA	NA	NA
Methane	UG/L	NA	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID Sample ID Matrix		HIMW-007D	HIMW-007I	HIMW-08D	HIMW-008I HIMW-8I	HIMW-008S HIMW-08S
		HIMW-7D	HIMW-7I			
		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		<u> </u>	-	-	•	-
Date Sampled		04/11/07	04/11/07	04/09/07	04/06/07	04/06/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	0.260 U	0.260 U	0.260 U	0.525	0.250 U
Ethylbenzene	UG/L	0.400 U	0.400 U	0.400 U	0.300 U	0.300 U
Toluene	UG/L	0.260 U	0.260 U	0.260 U	0.310 U	0.416
Xylene (total)	UG/L	1.21 U	1.21 U	1.21 U	0.800 U	0.800 U
Total BTEX	UG/L	ND	ND	ND	0.525	0.416
Semivolatile Organic Compounds						
Acenaphthene	UG/L	0.085 U	0.085 U	0.085 U	0.085 U	NA
Acenaphthylene	UG/L	0.079 U	0.079 U	0.079 U	0.079 U	NA
Anthracene	UG/L	0.214 U	0.214 U	0.214 U	0.214 U	NA
Benzo(a)anthracene	UG/L	0.130 U	0.130 U	0.130 U	0.130 ∪	NA
Benzo(a)pyrene	UG/L	0.190 U	0.190 U	0.190 U	0.190 U	NA
Benzo(b)fluoranthene	UG/L	0.270 U	0.270 U	0.270 U	0.270 U	NA
Benzo(g,h,i)perylene	UG/L	0.293 U	0.293 U	0.293 U	0.293 U	NA
Benzo(k)fluoranthene	UG/L	0.250 U	0.250 U	0.250 U	0.250 U	NA
Chrysene	UG/L	0.142 U	0.142 U	0.142 U	0.142 U	NA
Dibenz(a,h)anthracene	UG/L	0.360 U	0.360 U	0.360 U	0.360 U	NA
Fluoranthene	UG/L	0.288 U	0.288 U	0.288 U	0.288 U	NA
Fluorene	UG/L	0.128 U	0.128 U	0.128 U	0.128 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.260 U	0.260 U	0.260 U	0.260 U	NA
Naphthalene	UG/L	0.239	0.945	0.079 U	0.079 U	NA
Phenanthrene	UG/L	0.328	0.220 U	0.220 U	0.220 U	NA
Pyrene	UG/L	0.144 U	0.144 U	0.144 U	0.144 U	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	0.567	0.945	ND	ND	NA

Flags assigned during chemistry validation are shown.

Location ID	HIMW-007D	HIMW-0071	HIMW-008D	HIMW-008I	HIMW-008S	
Sample ID		HIMW-7D	HIMW-7I	HIMW-08D	HIMW-8I	HIMW-08S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		04/11/07	04/11/07	04/09/07	04/06/07	04/06/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	NA	NA
Diesel Fuel	POS/NEG	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	NA	NA
Methane	UG/L	NA	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID Sample ID Matrix		HIMW-008S	HIMW-009D	HIMW-009I	HIMW-009S	HIMW-010D
		HIMW-08S	HIMW-09D	HIMW-091	HIMW-09S	HIMW-10D
		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	<u>-</u>	-	-	-
Date Sampled		04/17/07	04/06/07	04/05/07	04/05/07	04/05/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	NA	0.250 U	0.250 U	0.250 U	0.250 U
Ethylbenzene	UG/L	NA	0.300 U	0.300 U	0.300 U	0.300 U
Toluene	UG/L	NA	0.310 U	0.310 U	0.310 U	0.310 U
Xylene (total)	UG/L	NA	0.800 U	0.800 U	0.800 U	0.800 U
Total BTEX	UG/L	NA	ND	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/L	0.085 U	0.085 U	0.170 U	0.170 U	0.170 U
Acenaphthylene	UG/L	0.079 U	0.079 U	0.158 U	0.158 U	0.158 U
Anthracene	UG/L	0.214 U	0.214 U	0.428 U	0.428 U	0.428 U
Benzo(a)anthracene	UG/L	0.130 U	0.130 U	0.260 U	0.260 U	0.260 U
Benzo(a)pyrene	UG/L	0.190 U	0.190 U	0.380 U	0.380 U	0.380 U
Benzo(b)fluoranthene	UG/L	0.270 U	0.270 U	0.540 U	0.540 U	0.540 U
Benzo(g,h,i)perylene	UG/L	0.293 U	0.293 U	0.586 U	0.586 U	0.586 U
Benzo(k)fluoranthene	UG/L	0.250 U	0.250 U	0.500 U	0.500 U	0.500 U
Chrysene	UG/L	0.142 U	0.142 U	0.284 U	0.284 U	0.284 U
Dibenz(a,h)anthracene	UG/L	0.360 U	0.360 U	0.720 U	0.720 U	0.720 U
Fluoranthene	UG/L	0.288 U	0.288 U	0.576 U	0.576 U	0.576 U
Fluorene	UG/L	0.128 U	0.128 U	0.256 U	0.256 U	0.256 U
Indeno(1,2,3-cd)pyrene	UG/L	0.260 U	0.260 U	0.520 U	0.520 U	0.520 U
Naphthalene	UG/L	0.079 ∪	0.079 U	0.158 U	0.158 U	0.158 U
Phenanthrene	UG/L	0.220 U	0.220 U	0.440 U	0.440 U	0.440 U
Pyrene	UG/L	0.144 U	0.144 U	0.288 U	0.288 U	0.288 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	ND	ND	ND	ND	ND

Flags assigned during chemistry validation are shown.

Location ID		HIMW-008S	HIMW-009D	HIMW-0091	HIMW-009S	HIMW-010D
Sample ID		HIMW-08S	HIMW-09D	HIMW-091	HIMW-09S	HIMW-10D
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		04/17/07	04/06/07	04/05/07	04/05/07	04/05/07
Parameter	Units				_	
Metals						
Iron	UG/L	NA	NA	NA	NA	198
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	100 U
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	- NA	NA	NA	9,000
Diesel Fuel	POS/NEG	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	1,980
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	50.0 U
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	15,200
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	46 J
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	NA	9,900
Methane	UG/L	NA	NA	NA	NA	60.0 U

Flags assigned during chemistry validation are shown.

Location ID		HIMW-010I	HIMW-010S	HIMW-011D	HIMW-011I	HIMW-011S
Sample ID		HIMW-10I	HIMW-10S	HIMW-11D	HIMW-11I	HIMW-12S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		04/06/07	04/09/07	04/16/07	04/16/07	04/06/07
Parameter	Units					
Volatile Organic Compounds			-			
Benzene	UG/L	0.250 U	0.260 U	0.260 U	0.260 U	NA
Ethylbenzene	UG/L	0.300 U	0.400 U	0.400 U	0.400 U	NA
Toluene	UG/L	0.310 U	0.260 U	0.260 U	0.260 U	NA
Xylene (total)	UG/L	0.800 U	1.21 U	1.21 U	1.21 U	NA
Total BTEX	UG/L	ND	ND	ND	ND	NA
Semivolatile Organic Compounds				- 1	-"	
Acenaphthene	UG/L	0.085 U	0.669	0.085 U	0.085 U	NA
Acenaphthylene	UG/L	0.079 U	0.250	0.079 U	0.079 U	NA
Anthracene	UG/L	0.214 U	0.214 U	0.214 U	0.214 U	NA
Benzo(a)anthracene	UG/L	0.130 U	0.130 U	0.130 U	0.130 U	NA
Benzo(a)pyrene	UG/L	0.190 U	0.190 U	0.190 U	0.190 U	NA
Benzo(b)fluoranthene	UG/L	0.270 U	0.270 U	0.270 U	0.270 U	NA
Benzo(g,h,i)perylene	UG/L	0.293 U	0.293 U	0.293 U	0.293 U	NA
Benzo(k)fluoranthene	UG/L	0.250 U	0.250 U	0.250 U	0.250 U	NA
Chrysene	UG/L_	0.142 U	0.142 U	0.142 U	0.142 U	NA
Dibenz(a,h)anthracene	UG/L	0.360 U	0.360 U	0.360 U	0.360 U	NA
Fluoranthene	UG/L	0.288 U	0.288 U	0.288 U	0.288 U	NA
Fluorene	UG/L	0.128 U	0.809	0.128 U	0.128 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	0.260 U	0.260 U	0.260 U	0.260 U	NA
Naphthalene	UG/L	0.079 U	1.28	0.079 U	0.079 U	NA
Phenanthrene	UG/L	0.220 U	1.53	0.220 U	0.220 U	NA
Pyrene	UG/L	0.144 U	0.362	0.144 U	0.144 U	NA
Total Polynuclear Aromatic Hydrocarbons	UG/L	ND	4.9	ND	ND	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-010I	HIMW-010S	HIMW-011D	HIMW-011I	HIMW-011S
Sample ID		HIMW-10I	HIMW-10S	HIMW-11D	HIMW-11I	HIMW-12S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		•	-	-	-	-
Date Sampled		04/06/07	04/09/07	04/16/07	04/16/07	04/06/07
Parameter	Units					
Metals						
Iron	UG/L	199	9,250	NA	NA	NA
Dissolved Metals						
Iron	UG/L	100 U	8,660	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	3,000	28,000	NA	NA	35,000
Diesel Fuel	POS/NEG	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	2,420	3,040	NA	NA	2,480
Nitrite-Nitrogen	UG/L	50.0 U	90.0	NA	NA	50.0 U
Sulfate (as SO4)	UG/L	28,700	59,400	NA	NA	21,400
Heterotrophic Plate Count	CFU/ML	50	44	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	400 U	45,200	NA	NA	NA
Methane	UG/L	60.0 U	60.0 U	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-011S	HIMW-012D	HIMW-012I	HIMW-012S	HIMW-013D
Sample ID		HIMW-11S	HIMW-12D	HIMW-12I	HIMW-12S	HIMW-13D
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-		-	-	-
Date Sampled		04/17/07	04/13/07	04/09/07	04/06/07	04/10/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	NA	0.503	20.8	0.250 U	4.13
Ethylbenzene	UG/L	NA	0.400 U	11.8	0.300 U	0.300 U
Toluene	UG/L	NA	0.260 U	0.260 U	0.403	0.532
Xylene (total)	UG/L	NA	1.21 U	5.75	0.800 U	3.59
Total BTEX	UG/L	NA	0.503	38.35	0.403	8.252
Semivolatile Organic Compounds						
Acenaphthene	UG/L	NA	0.085 U	30.5	0.085 U	4.00
Acenaphthylene	UG/L	NA	0.079 U	37.4	0.079 U	5.77
Anthracene	UG/L	NA	0.214 U	0.377	0.214 U	0.214 U
Benzo(a)anthracene	UG/L	NA	0.130 U	0.130 U	0.130 U	0.130 U
Benzo(a)pyrene	UG/L	NA NA	0.190 U	0.190 U	0.190 U	0.190 U
Benzo(b)fluoranthene	UG/L	NA	0.270 U	0.270 U	0.270 U	0.270 UJ
Benzo(g,h,i)perylene	UG/L	NA	0.293 U	0.293 U	0.293 U	0.293 U
Benzo(k)fluoranthene	UG/L	NA	0.250 U	0.250 U	0.250 U	0.250 U
Chrysene	UG/L	NA	0.142 U	0.142 U	0.142 U	0.142 U
Dibenz(a,h)anthracene	UG/L	NA	0.360 U	0.360 U	0.360 U	0.360 U
Fluoranthene	UG/L	NA	0.288 U	0.288 U	0.288 U	0.288 U
Fluorene	UG/L	NA	0.128 U	23.8	0.128 U	0.400
Indeno(1,2,3-cd)pyrene	UG/L	NA	0.260 U	0.260 U	0.260 U	0.260 U
Naphthalene	UG/L	NA	0.454	2.21	0.079 U	0.312
Phenanthrene	UG/L	NA	0.220 U	3.65	0.220 U	0.220 U
Pyrene	UG/L	NA	0.144 U	0.144 U	0.144 U	0.144 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	NA	0.454	97.937	ND	10.482

Flags assigned during chemistry validation are shown.

Location ID		HIMW-011S	HIMW-012D	HIMW-012I	HIMW-012S	HIMW-013D
Sample ID		HIMW-11S	HIMW-12D	HIMW-12I	HIMW-12S	HIMW-13D
Matrix	_	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-		-	-	-
Date Sampled		04/17/07	04/13/07	04/09/07	04/06/07	04/10/07
Parameter	Units					
Metals						
Iron	UG/L	NA	727	22,900	1,660	NA
Dissolved Metals						
Iron	UG/L	NA	124	20,800	100 U	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	13,000	65,000	NA	NA
Diesel Fuel	POS/NEG	POS NJ	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	955	500 U	NA	NA
Nitrite-Nitrogen	UG/L	NA	50.0 U	50.0 U	NA	NA
Sulfate (as SO4)	UG/L	NA	54,700	38,400	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	26	9	40	NA
Dissolved Gases		-				
Carbon dioxide	UG/L	NA	10,900	59,100	6,500	NA
Methane	UG/L	NA	60.0 U	64.9	60.0 U	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-013I	HIMW-013S	HIMW-014D	HIMW-014I	HIMW-015D
Sample ID		HIMW-13I	HIMW-13S	HIMW-14D	HIMW-14I	HIMW-15D
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		<u>.</u>	-	-	-	-
Date Sampled		04/09/07	04/12/07	04/13/07	04/10/07	04/18/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	154 D	0.250 U	0.390	69.0	0.180 U
Ethylbenzene	UG/L	6.09	0.300 U	0.400 U	29.3	0.220 U
Toluene	UG/L	0.421	0.310 U	0.260 U	0.507	0.160 U
Xylene (total)	UG/L	3.90	0.800 U	1.21 U	14.5	0.630 U
Total BTEX	UG/L	164.411	ND	0.39	113.307	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/L	5.20	0.085 U	0.085 U	14.8	0.085 U
Acenaphthylene	UG/L	46.1	0.079 U	0.079 U	24.6	0.079 U
Anthracene	UG/L	0.753	0.214 U	0.214 U	0.765	0.214 U
Benzo(a)anthracene	UG/L	0.130 U				
Benzo(a)pyrene	UG/L	0.190 U				
Benzo(b)fluoranthene	UG/L	0.270 U	0.270 U	0.270 U	0.270 UJ	0.270 U
Benzo(g,h,i)perylene	UG/L	0.293 U				
Benzo(k)fluoranthene	UG/L	0.250 U				
Chrysene	UG/L	0.142 U				
Dibenz(a,h)anthracene	UG/L	0.360 U				
Fluoranthene	UG/L	0.393	0.288 U	0.288 U	0.216 J	0.288 U
Fluorene	UG/L	11.8	0.128 U	0.128 U	7.31	0.128 U
Indeno(1,2,3-cd)pyrene	UG/L	0.260 U				
Naphthalene	UG/L	0.949	0.079 U	0.079 U	1.11	0.079 ∪
Phenanthrene	UG/L	11.1	0.220 U	0.220 U	4.72	0.220 U
Pyrene	UG/L	0.599	0.144 U	0.144 U	0.274	0.144 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	76.894	ND	ND	53.795	ND

Flags assigned during chemistry validation are shown.

Location ID		HIMW-013I	HIMW-013S	HIMW-014D	HIMW-014I	HIMW-015D
Sample ID		HIMW-13I	HIMW-13S	HIMW-14D	HIMW-14I	HIMW-15D
Matrix	-	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled		04/09/07	04/12/07	04/13/07	04/10/07	04/18/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	2,430	45,700	16,500
Dissolved Metals						
Iron	UG/L	NA	NA	1,020	32,500	17,100
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	28,000	116,000	2,000 U
Diesel Fuel	POS/NEG	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	500 U	500 U	500 U
Nitrite-Nitrogen	UG/L	NA	NA	50.0 U	50.0 U	50.0 U
Sulfate (as SO4)	UG/L	NA	NA -	60,200	20,000	47,600
Heterotrophic Plate Count	CFU/ML	NA	NA	16	3	35 J
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	42,200	75,600	400 U
Methane	UG/L	NA	NA	60.0 U	60.0 U	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-015I	HIMW-018I	HIMW-019I	PZ-02	PZ-03
Sample ID		HIMW-15I	HIMW-18I	HIMW-19I	PZ-02	PZ-03
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	•	-
Date Sampled		04/18/07	05/02/07	04/12/07	04/03/07	04/04/07
Parameter	Units	-				
Volatile Organic Compounds						
Benzene	UG/L	19.5	2.68	0.250 U	0.250 U	0.250 U
Ethylbenzene	UG/L	0.220 U	0.400 U	0.300 U	0.300 U	0.300 U
Toluene	UG/L	0.261	3.32	0.310 U	0.310 U	0.310 U
Xylene (total)	UG/L	0.630 U	63.6	0.800 U	0.800 U	0.800 U
Total BTEX	UG/L	19.761	69.6	ND	ND	ND
Semivolatile Organic Compounds						
Acenaphthene	UG/L	2.53	1.62	0.085 U	0.170 U	0.170 U
Acenaphthylene	UG/L	13.3	18.4	0.079 U	0.158 U	0.158 U
Anthracene	UG/L	0.255	1.28 U	0.214 U	0.428 U	0.428 U
Benzo(a)anthracene	UG/L	0.130 U	0.780 U	0.130 U	0.260 U	0.260 U
Benzo(a)pyrene	UG/L	0.190 U	1.14 U	0.190 U	0.380 U	0.380 U
Benzo(b)fluoranthene	UG/L	0.270 U	1.62 U	0.270 U	0.540 U	0.540 U
Benzo(g,h,i)perylene	UG/L	0.293 U	1.76 U	0.293 U	0.586 U	0.586 U
Benzo(k)fluoranthene	UG/L	0.250 U	1.50 U	0.250 U	0.500 U	0.500 U
Chrysene	UG/L	0.142 U	0.852 U	0.142 U	0.284 U	0.284 U
Dibenz(a,h)anthracene	UG/L	0.360 U	2.16 U	0.360 U	0.720 U	0.720 U
Fluoranthene	UG/L	0.288 U	1.73 U	0.288 U	0.576 U	0.576 U
Fluorene	UG/L	0.778	4.53	0.128 U	0.256 U	0.256 U
Indeno(1,2,3-cd)pyrene	UG/L	0.260 U	1.56 U	0.260 U	0.520 U	0.520 U
Naphthalene	UG/L	0.261	230	0.079 U	0.158 U	0.158 U
Phenanthrene	UG/L	2.29	3.71	0.220 U	0.440 U	0.440 U
Pyrene	UG/L	0.144 U	0.864 U	0.144 U	0.288 U	0.288 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	19.414	258.26	ND	ND	ND

Flags assigned during chemistry validation are shown.

Location ID		HIMW-015I	HIMW-018I	HIMW-019I	PZ-02	PZ-03
Sample ID		HIMW-15I	HIMW-18I	HIMW-19I	PZ-02	PZ-03
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		<u>-</u>	-	-	•	
Date Sampled		04/18/07	05/02/07	04/12/07	04/03/07	04/04/07
Parameter	Units					
Metals						
ron	UG/L	375	342	NA	NA	NA
Dissolved Metals						
ron	UG/L	114	267	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	65,000	4,000	NA	NA	NA
Diesel Fuel	POS/NEG	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	500 U	3,760	NA	NA	NA
Nitrite-Nitrogen	UG/L	50.0 U	52.0	NA	NA	NA
Sulfate (as SO4)	UG/L	28,800	41,400	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	104 J	99	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	18,700	400 U	NA	NA	NA
Methane	UG/L	60.0 U	60.0 U	NA	NA	NA

Flags assigned during chemistry validation are shown.

ATTACHMENT A VALIDATED FORM 1'S

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03177

Lab ID:	031	77-001	031	77-002	031	77-003	
Client ID:	P	Z-02	FB	040307	HI	MW-3S	
Matrix:	Ac	ueous	Ac	queous	Ac	ueous	
Sampled Date	4	/3/07	4	/3/07	4/3/07		
PARAMETER(Units)	Conc	Q MDL	Conc	Q MDL	Conc	Q MDL	
Volatiles - BTEX (Units)		/L-ppb)	(ug	/L-ppb)	(ug/L-ppb)		
Benzene	ND	0.250	ND	0.250	ND	0.250	
Toluene	ND	0.310	ND	0.310	ND	0.310	
Ethylbenzene	ND	0.300	ND	0.300	ND	0.300	
Total Xylenes	ND	0.800	ND	0.800	ND	0.800	
Semivolatiles - PAH (Units)	(ug	/L-ppb)	(ug	/L-ppb)	(ug/L-ppb)		
Naphthalene	ND	0.158	ND	0.158	ND	0.158	
Acenaphthylene	ND	0.158	ND	0.158	ND	0.158	
Acenaphthene	ND	0.170	ND	0.170	NĎ	0.170	
Fluorene	ND	0.256	ND	0.256	ND	0.256	
Phenanthrene	ND	0.440	ND	0.440	ND	0.440	
Anthracene	ND	0.428	ND	0.428	ND	0.428	
Fluoranthene	ND	0.576	ND	0.576	ND	0.576	
Pyrene	ND	0.288	ND	0.288	ND	0.288	
Benzo[a]anthracene	ND	0.260	ND	0.260	ND	0.260	
Chrysene	ND	0.284	ND	0.284	ND	0.284	
Benzo[b]fluoranthene	ND	0.540	ND	0.540	ND	0.540	
Benzo[k]fluoranthene	ND	0.500	ND	0.500	ND	0.500	
Benzo[a]pyrene	ND	0.380	ND	0.380	ND	0.380	
Indeno[1,2,3-cd]pyrene	ND	0.520	ND	0.520	ND	0.520	
Dibenz[a,h]anthracene	ND	0.720	ND	0.720	ND	0.720	
Benzo[g,h,i]perylene	ND	0.586	ND	0.586	ND	0.586	

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03297

	770			0000E		00000		2222	
Lab			7-001	03297-		03297		03297	
Client		HIM	W-03I	HIMW		FB-04		HIMW-10D	
Mat		_	ieous	Aque	1	Aqu		Aque	
Sampled 1	Date	4/5	5/07	4/5/0	7	4/5	/07	4/5/	07
PARAMETER(Units)		Conc (Q MDL	Conc Q	MDL	Conc C	MDL	Conc C	MDL
Volatiles - BTEX (Units)	!	(ug/L	-ppb)	(ug/L-p	pb)			(ug/L-	ppb)
Benzene		ND	0.250	ND	0.250	~	~	ND	0.250
Toluene	į	ND	0.310	0.438	0.310	~	~	ND	0.310
Ethylbenzene		ND	0.300	ND	0.300	~	~	ND	0.300
Total Xylenes		ND	0.800	ND	0.800	~	~	ND	0.800
Semivolatiles - PAH (Units)				(ug/L-p	pb)			(ug/L-	ppb)
Naphthalene	!	~	~	ND	0.158	~	~	ND	0.158
Acenaphthylene		~	~	ND	0.158	~	~	ND	0.158
Acenaphthene		~	~.	ND	0.170	~	~	ND	0.170
Fluorene		~	~	ND ·	0.256	~	~	ND	0.256
Phenanthrene		~	~ ,	ND	0.440	~	٠ ~	ND '	0.440
Anthracene		~	~	ND	0.428	~	~	ND	0.428
Fluoranthene		~	~	ND	0.576	~	~	ND	0.576
Pyrene		~	~	ND	0.288	~	~	ND	0.288
Benzo[a]anthracene		~	~	ND	0.260	~	~	ND	0.260
Chrysene		~	~	ND	0.284	~	~	ND	0.284
Benzo[b]fluoranthene		~	~	ND	0.540	~	~	ND	0.540
Benzo[k]fluoranthene		~	~	ND	0.500	~	~	ND	0.500
Benzo[a]pyrene		~	~	ND	0.380	~	~	ND	0.380
Indeno[1,2,3-cd]pyrene		~	~	ND	0.520	~	~	ND	0.520
Dibenz[a,h]anthracene		~	~	ND	0.720	~	~	ND	0.720
Benzo[g,h,i]perylene		~	~	ND	0.586	~	~	ND	0.586
Gas Screen (Units)	1			(ug/L-1	opb)	(ug/L	-ppb)	(ug/L	-ppb)
Methane	ļ	~	~	ND	60.0	ND	60.0	ND	60.0
Metals (Units)				(ug/L-p	ppb)	(ug/L	-ppb)	(ug/L	-ppb)
Iron	!	~	~	688	100	ND	100	198	100
General Analytical (Units)								:	
Alkalinity(ug/L-ppb)	:	~	~	32500	2000	ND	2000	9000	2000
Carbon Dioxide(ug/L-ppb)		~	~	20500	400	ND	400	9900	400
Nitrate (NO3)(ug/L-ppb)		~	~	3920	500	ND	500	1980	500
					500	ND	50.0	ND	50.0
		~	~	ND	50.0	IND	50.0		1000
Nitrite (NO2)(ug/L-ppb)		~ ~	~ ~	ND 29700		ND ND		15200	1000
		~ ~ ~			1000 20		1000	15200 46. J	2
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml)	ID:	~	~ ~	29700	1000	ND 224	1000	46 J	
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat	o ID:	~ 0329	~	29700 980 J 03297	1000 20 -006	ND 224 0329	1000 2	46 J 0329	2
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat Clien		~ 0329 HIM	~ ~ 07-005	29700 980 J 03297 HIMW	1000 20 - 006 V- 09I	ND 224 0329 TB04	1000 2 7-007	46 J 0329 HIMW-0	2 7-008
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat Clien Ma	t ID: trix:	~ 0329 HIM Aqı	~ ~ 97-005 W-09S	29700 980 J 03297	1000 20 -006 V-09I ous	ND 224 0329 TB04	1000 2 7-007 40507	46 J 0329 HIMW-0 Aqu	2 7-008 041 FILT.
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat Clien	t ID: trix:	~ 0329 HIM Aqu 4/9	~ ~ P7-005 W-09S ueous	29700 980 J 03297 HIMW Aque 4/5/	1000 20 -006 V-09I ous	ND 224 0329 TB0- Aqu 4/5	1000 2 7-007 40507 teous	46 J 0329 HIMW-(Aqu 4/5	2 7-008 041 FILT. leous
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat Clien Ma Sampled PARAMETER(Units)	t ID: trix:	~ 0329 HIM Aqu 4/5	~ ~ 27-005 W-09S ueous 5/07 Q MDL	29700 980 J 03297 HIMW Aque 4/5/ Conc Q	1000 20 -006 7-09I ous 07 MDL	ND 224 0329 TB04 Aqu 4/5 Conc	1000 2 7-007 40507 1eous 5/07 Q MDL	46 J 0329 HIMW-(Aqu 4/5	2 7-008 041 FILT. eous 6/07
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat Clien Ma Sampled PARAMETER(Units) Volatiles - BTEX (Units)	t ID: trix:	~ 0329 HIM Aqu 4/2 Conc	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	29700 980 J 03297 HIMW Aque 4/5/	1000 20 -006 7-09I ous 07 MDL	ND 224 0329 TB04 Aqu 4/5 Conc	1000 2 7-007 40507 1eous 5/07	46 J 0329 HIMW-(Aqu 4/5	2 7-008 041 FILT. eous 6/07
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat Clien Ma Sampled PARAMETER(Units) Volatiles - BTEX (Units) Benzene	t ID: trix:	~ 0329 HIM Aqu 4/2 Conc (ug/)	~ ~ 27-005 W-09S ueous 5/07 Q MDL	29700 980 J 03297 HIMW Aque 4/5/ Conc Q	1000 20 -006 V-09I ous 07 MDL	ND 224 0329 TB04 Aqu 4/5 Conc (ug/I	1000 2 7-007 40507 10008 5/07 Q MDL 1-ppb)	46 J 0329 HIMW-(Aqu 4/5	2 7-008 041 FILT. eous 6/07
Nitrite (NO2)(ug/L-ppb) Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml) Lat Clien Ma Sampled PARAMETER(Units) Volatiles - BTEX (Units)	t ID: trix:	~ 0329 HIM Aqu 4/2 Conc	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	29700 980 J 03297 HIMW Aque 4/5/ Conc Q (ug/L-	1000 20 -006 V-09I ous 07 MDL ppb) 0.250	ND 224 0329 TB04 Aqu 4/5 Conc (ug/I ND	1000 2 7-007 40507 40507 40507 Q MDL 7-ppb) 0.250	46 J 0329 HIMW-(Aqu 4/5	2 7-008 041 FILT. eous 6/07

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD

Lab Case No.: E07-03297

	Lab ID: Client ID:		03297-005 HIMW-09S		97-006 1W-09I		7-007 10507		03297-008 HIMW-04I FILT.	
	Matrix:	Aque 4/5/			ueous /5/07	Aqueous 4/5/07		Aqueous 4/5/07		
PARAMETER(Units)	Sampled Date	Conc Q		Conc	Q MDL		Q MDL	1	OMDL	
Semivolatiles - PAH (U	nits)	(ug/L-	opb)	(ug	(L-ppb)					
Naphthalene	•	ND	0.158	ND	0.158	~	~	~	~	
Acenaphthylene		ND	0.158	ND	0.158	~	~	· ~	· ~	
Acenaphthene		ND	0.170	ND	0.170	~	~	~	~	
Fluorene		ND	0.256	ND	0.256	~	~	~	~	
Phenanthrene		ND	0.440	ND	0.440	~	~	~	~	
Anthracene		ND	0.428	ND	0.428	~	~	~	~	
Fluoranthene		ND	0.576	ND	0.576	~	~	~	~	
Pyrene		ND	0.288	ND	0.288	~	~	~	~	
Benzo[a]anthracene		ND	0.260	ND	0.260	~	~	~	~	
Chrysene		ND	0.284	ND	0.284	~	` ~	~ `	~	
Benzo[b]fluoranthene		ND	0.540	ND	0.540	~	~	~	~	
Benzo[k]fluoranthene		ND	0.500	ND	0.500	~	~	~	~	
Benzo[a]pyrene		ND	0.380	ND	0.380	~	~	~	~	
Indeno[1,2,3-cd]pyrene		ND	0.520	ND	0.520	~	~	~	~ .	
Dibenz[a,h]anthracene		ND	0.720	ND	0.720	~	~	~	~	
Benzo[g,h,i]perylene		ND	0.586	ND	0.586	~	~	~	~	
Metals (Units)					!				L-ppb)	
Iron		~	~	~	~	~	~	ND	100	

	Lab ID: Client ID:	FB-040		FILT.		FILT.	
	Matrix: Sampled Date		Aqueous 4/5/07		4		
PARAMETER(Units)		Conc	Q	MDL	Conc	Q	MDL
Metals (Units)		(ug	/L-p	pb)	(ug	/L-pp	<i>b)</i>
Iron	i	ND		100	, ND		100

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03389

				0 E0/-	_		000	00.000	000	
Lab ID:		89-0		033				89-003		39-004
Client ID:		MW-		HIM				MW-8I	!	40607
Matrix:		queor			ueo			lueous		ueous
Sampled Date		/6/07			/6/0			/6/07	4/6/07	
PARAMETER(Units)	Conc		MDL	Conc	Q	MDL	Conc	Q MDL		Q MDL
Volatiles - BTEX (Units)		/L-pp			/L-p _l			/L-ppb)	1	L-ppb)
Benzene	ND		0.250	ND		0.250	0.525	0.250	ND	0.250
Toluene	0.416		0.310	0.403		0.310	ND	0.310	ND	0.310
Ethylbenzene	ND		0.300	ND		0.300	ND	0.300	ND	0.300
Total Xylenes	ND		0.800	ND		0.800	ND	0.800	ND	0.800
Semivolatiles - PAH (Units)	į			(ug/	/L-p	nb)	(ug	/L-ppb)		
Naphthalene	~		~	ND		0.079	ND	0.079	~	~
Acenaphthylene	~		~	ND		0.079	ND	0.079	~	~
Acenaphthene	~		~	ND		0.085	ND	0.085	~ 1	~
Fluorene	~		~	ND		0.128	ND	0.128	~	~
Phenanthrene	~		~	ND		0.220	ND	0.220	~	~
Anthracene	~		~	ND		0.214	ND	0.214	~	~
Fluoranthene	~		~	ND		0.288	ND	0.288	~	~
Pyrene	~		~	ND		0.144	ND	0.144	~	~
Benzo[a]anthracene	~		~	ND		0.130	ND	0.130	~	~
Chrysene	~		~	ND		0.142	ND	0.142	~	~
Benzo[b]fluoranthene	~		~	ND U	は	0.270	ND (15 0.270	~	~
Benzo[k]fluoranthene	~		~	ND		0.250	ND	0.250	~	~
Benzo[a]pyrene	~		~	ND		0.190	ND	0.190	~	~
Indeno[1,2,3-cd]pyrene	~		~	ND		0.260	ND	0.260	~	~
Dibenz[a,h]anthracene	~		~	ND		0.360	ND	0.360	~	~
Benzo[g,h,i]perylene	~		_~_	ND		0.293	ND	0.293	~	~
Gas Screen (Units)				(ug	/L-p	pb)				
Methane	~		~	ND		60.0	~	~	~	~
Metals (Units)				(ug	/L-p	pb)	1			
Iron	~		~	1660		100	~	~	~	~
General Analytical (Units)										
Alkalinity(ug/L-ppb)	~		~	35000		2000	~	~	~	~
Carbon Dioxide(ug/L-ppb)	~		~	6500		400	~	~	~	~
Nitrate (NO3)(ug/L-ppb)	~		~	2480		500	~	~	~	~
Nitrite (NO2)(ug/L-ppb)	~		~	ND		50.0	~	~	~	~
Sulfate as SO4(ug/L-ppb)	~		~	21400		1000	~	~	~	~
Heterotrophic Plate Count(CFU/ml)	~		~	40		1	~	~	~	~

 $[\]sim$ = Sample not analyzed for

11/13/2

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD

Lab Case No.: E07-03389

Lab ID:	03389-		03389		0338	9-007	03389-	008
Client ID:	HIMW			W-10I		2S FILT.	HIMW-10	
Matrix:	Aque			eous	1	eous	Aqueo	
Sampled Date	4/6/0			/07		6/07	4/6/0	
PARAMETER(Units)	Conc Q					Q MDL	1	MDL
Volatiles - BTEX (Units)	(ug/L-1		(ug/L	-ppb)				
Benzene	ND	0.250	ND	0.250	~	~	~	~
Toluene	ND	0.310	ND	0.310	~	~	~	~
Ethylbenzene	ND	0.300	ND	0.300	~	~	~	~
Total Xylenes	ND	0.800	ND	0.800	~	~	~	~
Semivolatiles - PAH (Units)	(ug/L- _l	ppb)	(ug/L	-ppb)				
Naphthalene	ND	0.079	ND	0.079	~	~	~	~
Acenaphthylene	ND	0.079	ND	0.079	~	~	~	~
Acenaphthene	ND	0.085	ND	0.085	~	~	~ ,	~
Fluorene	ND	0.128	ND	0.128	~	`~	~	~
Phenanthrene	ND	0.220	ND	0.220	~	~	~	~
Anthracene	ND	0.214	ND	0.214	~	~	~	~
Fluoranthene	ND	0.288	ND	0.288	~	~	~	~
Pyrene	ND	0.144	ND	0.144	~	~	~	~
Benzo[a]anthracene	ND	0.130	ND	0.130	~	~ .	~	~
Chrysene	ND	0.142	ND	0.142	~	~	~	~
Benzo[b]fluoranthene	NDWJ	0.270	ND U		~	~	~	~
Benzo[k]fluoranthene	ND	0.250	ND	0.250	~	~	~	~
Benzo[a]pyrene	ND	0.190	ND	0.190	~	~	~	~
Indeno[1,2,3-cd]pyrene	ND	0.260	ND	0.260	~	~	~	~
Dibenz[a,h]anthracene	ND	0.360	ND	0.360	~	~ ,	~	~
Benzo[g,h,i]perylene	ND	0.293	ND	0.293	~	~	~	~
Gas Screen (Units)				L-ppb)				
Methane	~	~	ND	60.0	~	~	~	~
Metals (Units)				L-ppb)		L-ppb)	(ug/L-	
Iron	~	~	199	100	ND	100_	ND	100
General Analytical (Units)								
Alkalinity(ug/L-ppb)	~	~	3000	2000	~	~	~	~
Carbon Dioxide(ug/L-ppb)	~	~	ND	400	~	~	~ ~	~
Nitrate (NO3)(ug/L-ppb)	~	~	2420	500	~	~	~	~
Nitrite (NO2)(ug/L-ppb)	· ~	~	ND	50.0	~	~	~	~
Sulfate as SO4(ug/L-ppb)	~	~	28700	1000	~	~	~	~
Heterotrophic Plate Count(CFU/ml)	~	~	50	1	~	~	~	~

 $[\]sim$ = Sample not analyzed for

11/13/27

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN

Lab Case No.: E07-03416

Lab ID:	03416	-001	03416	-002	0341	6-003	03416-004	
Client ID:	HIMW	V-8 D	HIMV	V-12I	-12I HIMW-10S			W-13I
Matrix:	Aque	ous	Aque	Aqueous		ieous	Aqueous	
Sampled Date	4/9/0	07	4/9/	07		9/07	4/9/07	
PARAMETER(Units)	Conc Q	MDL	Conc Q	MDL	i .	Q MDL		Q MDL
Volatiles (Units)	(ug/L-p	opb)	(ug/L-	ppb)	(ug/l	L-ppb)		L-ppb)
Benzene	ND	0.260	20.8	0.260	ND	0.260		D 0.520
Toluene	ND	0.260	ND	0.260	ND	0.260	0.421	0.260
Ethylbenzene	ND	0.400	11.8	0.400	ND	0.400	6.09	0.400
Total Xylenes	ND	1.21	5.75	1.21	ND	1.21	3.90	1.21
Semivolatiles - PAH (Units)	(ug/L-1	ppb)	(ug/L-	ppb)	(ug/l	L-ppb)	(ug/L	ppb)
Naphthalene	ND	0.079	2.21	0.079	1.28	0.079	0.949	0.079
Acenaphthylene	ND	0.079	37.4	0.079	0.250	0.079	46.1	0.079
Acenaphthene	ND	0.085	30.5	0.085	0.669	0.085	5.20	0.085
Fluorene	ND	0.128	23.8	0.128	0.809	0.128	11.8	0.128
Phenanthrene	ND	0.220	3.65	0.220	1.53	0.220	11.1	0.220
Anthracene	ND	0.214	0.377	0.214	ND	0.214	0.753	0.214
Fluoranthene	ND	0.288	ND	0.288	ND	0.288	0.393	0.288
Pyrene	ND	0.144	ND	0.144	0.362	0.144	0.599	0.144
Benzo[a]anthracene	ND	0.130	ND	0.130	ND	0.130	ND	0.130
Chrysene	ND	0.142	ND	0.142	ND	0.142	ND	0.142
Benzo[b]fluoranthene	ND	0.270	ND	0.270	ND	0.270	ND	0.270
Benzo[k]fluoranthene	ND	0.250	ND	0.250	ND	0.250	ND	0.250
Benzo[a]pyrene	ND	0.190	ND	0.190	ND	0.190	ND	0.190
Indeno[1,2,3-cd]pyrene	ND	0.260	ND	0.260	ND	0.260	ND	0.260
Dibenz[a,h]anthracene	ND	0.360	ND	0.360	ND	0.360	ND	0.360
Benzo[g,h,i]perylene	ND	0.293	ND	0.293	ND	0.293	ND	0.293
Gas Screen (Units)			(ug/L-			L-ppb)		
Methane	~	~	64.9	60.0	ND	60.0	~	~
Metals (Units)			(ug/L-	ppb)		L-ppb)		
Iron	~	~	22900	100	9250	100	~	~
General Analytical (Units)			1					
Alkalinity(ug/L-ppb)	~	~	65000	2000	28000	2000	~	~
Carbon Dioxide(ug/L-ppb)	~	~	59100	400	45200	400	~	~
Nitrate (NO3)(ug/L-ppb)	~	~	ND	500	3040	500	~	~
Nitrite (NO2)(ug/L-ppb)	~	~	ND	50.0	90.0	50.0	~	. ~
Sulfate as SO4(ug/L-ppb)	~	~	38400	2000	59400	2000	~	~
Heterotrophic Plate Count(CFU/ml)	~	~	. 9	1	44	1	~	~
Lab ID:	i		03416		h .	6-007		
Client ID:	•		HIMW-1			10S FILT.		
Matrix:	_		Aque		-	ueous		
Sampled Date			4/9/			9/07		
PARAMETER(Units)	Conc Q		Conc C	MDL	Conc	Q MDL		
Volatiles (Units)	(ug/L-	-			i			
Benzene	ND	0.260	~	~	~	~		
Toluene	ND	0.260	~	~	~	~		
Ethylbenzene	ND	0.400	~	~	~	~		
Total Xylenes	ND	1.21	~	~	~	~	•	
Metals (Units)	:		(ug/L-			L-ppb)		
T	i		20000	100	0660	100	i	

20800

100

8660

100

Iron

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

D = The compound was reported from the Diluted analysis

SUMMARY REPORT Client: URS Corporation - Wayne

Project: KEYSPAN Lab Case No.: E07-03440 il the lorg

		ase No.: 1			·			
Lab ID:		40-001		0-002	03440			40-004
Client ID:	1	W-13D		W-14I	T FB04			-14I FILT.
Matrix:		ueous		ieous	Aque			ueous
Sampled Date		10/07		0/07	4/10		1	10/07
PARAMETER(Units)	Conc	Q MDL	Conc	Q MDL			Conc	Q MDL
Volatiles - BTEX (Units)	(ug/	(L-ppb)	(ug/l	L-ppb)	(ug/L-		1	
Benzene	4.13	0.250	69.0	0.250	ND	0.250	~	~
Toluene	0.532	0.310	0.507	0.310	ND	0.310	~	~
Ethylbenzene	ND	0.300	29.3	0.300	ND	0.300	~	~
Total Xylenes	3.59	0.800	14.5	0.800	ND	0.800	~	~
Semivolatiles - PAH (Units)	(ug	(L-ppb)	(ug/l	L-ppb)				
Naphthalene	0.312	0.079	1.11	0.079	~	~	~	~
Acenaphthylene	5.77	0.079	24.6	0.079	~	~	~	~
Acenaphthene	4.00	0.085	14.8	0.085	~	· ~	~	, ~
Fluorene	0.400	0.128	7.31	0.128	~	~	~	~
Phenanthrene	ND	0.220	4.72	0.220	~	~	~	~
Anthracene	ND	0.214	0.765	0.214	~	~	~	~
Fluoranthene	ND	0.288	0.216 5	0.288	~	~	~	~
Pyrene	ND	0.144	0.274	0.144	~	~	~	~
Benzo[a]anthracene	ND	0.130	ND	0.130	~	~ .	~	~
Chrysene	ND	0.142	ND	0.142	~	~	~	~
Benzo[b]fluoranthene	ND (15 0.270	ND U	للا 0.270 0.270	~	~	~	~
Benzo[k]fluoranthene	ND	0.250	ND	0.250	~	~	~	~
Benzo[a]pyrene	ND	0.190	ND	0.190	~	~	~	~
Indeno[1,2,3-cd]pyrene	ND	0.260	ND	0.260	~	~	~	~
Dibenz[a,h]anthracene	ND	0.360	ND	0.360	~	~	~	~
Benzo[g,h,i]perylene	ND	0.293	ND	0.293	~	~		~
Gas Screen (Units)				L-ppb)	(ug/L			
Methane	~	~	ND	60.0	ND	60.0	~	~
Metals (Units)				L-ppb)	1			/L-ppb)
Iron	~	~	45700	100	~	~	32500	100
General Analytical (Units)					1			
Alkalinity(ug/L-ppb)	~	~	116000		~	~	~	~
Carbon Dioxide(ug/L-ppb)	~	~	75600	400	~	~	~	~
Nitrate (NO3)(ug/L-ppb)	~	~	ND	500	~	~	~	~
Nitrite (NO2)(ug/L-ppb)	~	~	ND	50.0	~	~	~	~
Sulfate as SO4(ug/L-ppb)	~	~	20000	1000	~	~	~	~
Heterotrophic Plate Count(CFU/ml)	~	~	3	1_	~	~	~	~

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne **Project: KEYSPAN - HEMPSTEAD**

Lab Case No.: E07-03541

Lab ID Client ID Matrix Sampled Date PARAMETER(Units) Volatiles - BTEX (Units)	: HIMV : Aque : 4/11	V-6D cous /07 MDL	HIM Aqu 4/1 Conc	1-002 IW-7I ieous 1/07 Q MDL	TB0 Aqu 4/1 Conc	11-003 41107 ueous 1/07 Q MDL L-ppb)	200704 Aq 4/1 Conc	11-004 111-FD-1 ueous 1/07 Q MDL L-ppb)
Benzene	ND	0.260	ND	0.260	ND	0.260	ND	0.260
Toluene	0.262	0.260	ND	0.260	ND	0.260	ND	0.260
Ethylbenzene	ND	0.400	ND	0.400	ND	0.400	ND	0.400
Total Xylenes	ND	1.21	ND	1.21	ND	1.21	ND	1.21
Semivolatiles - PAH (Units)	(ug/L-	ppb)	(ug/l	L-ppb)	(ug/l	L-ppb)	(ug/	L-ppb)
Naphthalene	8.82	0.079	0.945	0.079	~	~	ND	0.079
Acenaphthylene	2.41	0.079	ND	0.079	~	~	ND	0.079
Acenaphthene	0.522	0.085	ND	0.085	i ~	~	ND	, 0.085
Fluorene	2.19	0.128	ND	0.128	~	~	ND	0.128
Phenanthrene	7.04	0.220	ND	0.220	· ~	~	ND	0.220
Anthracene	2.18	0.214	ND	0.214	~	~	ND	0.214
Fluoranthene	1.47	0.288	ND	0.288	~	~	ND	0.288
Pyrene	2.33	0.144	ND	0.144	~	~	ND	0.144
Benzo[a]anthracene	0.478	0.130	ND	0.130	~	~	ND	0.130
Chrysene	0.816	0.142	ND	0.142	~	~	ND	0.142
Benzo[b]fluoranthene	ND	0.270	ND	0.270	~	~	ND	0.270
Benzo[k]fluoranthene	ND	0.250	ND	0.250	~	~	ND	0.250
Benzo[a]pyrene	ND	0.190	ND	0.190	~	~	ND	0.190
Indeno[1,2,3-cd]pyrene	ND	0.260	ND	0.260	~	~	ND	0.260
Dibenz[a,h]anthracene	ND	0.360	ND	0.360	~	~	ND	0.360
Benzo[g,h,i]perylene	ND	0.293	ND	0.293	~	~	ND	0.293

 $[\]sim$ = Sample not analyzed for ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03541

Lab Case No.: E07-03341									
	b ID:		41-005 /IW-7D	HIM	11-006 IW-6I				
M	atrix:	Aq	ueous	Aqueous					
Sampled	Date	4/	11/07	4/11/07					
PARAMETER(Units)		Conc	Q MDL	Conc	Q MDL				
Volatiles - BTEX (Units)		(ug	/L-ppb)	(ug/l	L-ppb)				
Benzene		ND	0.260	13.6	0.260				
Toluene		ND	0.260	5.72	0.260				
Ethylbenzene		ND	0.400	ND	0.400				
Total Xylenes		ND	1.21	7.34	1.21				
Semivolatiles - PAH (Units)		(ug	/L-ppb)	(ug/	L-ppb)				
Naphthalene	į	0.239	0.079	53.1	0.079				
Acenaphthylene		ND	0.079	7.82	0.079				
Acenaphthene		ND	0.085	0.511	0.085				
Fluorene		ND	0.128	1.54	0.128				
Phenanthrene		0.328	0.220	0.295	0.220				
Anthracene		ND	0.214	ND	0.214				
Fluoranthene		ND	0.288	ND	0.288				
Pyrene		ND	0.144	ND	0.144				
Benzo[a]anthracene		ND	0.130	ND	0.130				
Chrysene		ND	0.142	ND	0.142				
Benzo[b]fluoranthene		ND	0.270	ND	0.270				
Benzo[k]fluoranthene		ND	0.250	ND	0.250				
Benzo[a]pyrene		ND	0.190	ND	0.190				
Indeno[1,2,3-cd]pyrene		ND	0.260	ND	0.260				
Dibenz[a,h]anthracene		∏ ND	0.360	ND	0.360				
Benzo[g,h,i]perylene		ND	0.293	ND	0.293				

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03572

	Lab ID:		72-001		72-002		72-003		72-004
	Client ID: Matrix:	Ac	/IW-19I ueous 12/07	Aqı	W-5D ueous 2/07	Aq	IW-13S ueous 12/07	Aq	1W-5S ueous 12/07
PARAMETER(Units)	ipicu Date		Q MDL		Q MDL		Q MDL		Q MDL
Volatiles - BTEX (Units)	:	(ug	/L-ppb)	(ug/l	L-ppb)	(ug/	(L-ppb)	(ug/	L-ppb)
Benzene		ND	0.250	ND	0.250	ND	0.250	ND	0.250
Toluene	:	ND	0.310	1.66	0.310	ND	0.310	ND	0.310
Ethylbenzene	;	ND	0.300	ND	0.300	ND	0.300	ND	0.300
Total Xylenes		ND	0.800	47.0	0.800	ND	0.800	ND	0.800
Semivolatiles - PAH (Units)		(ug	/L-ppb)	(ug/l	L-ppb)	(ug/	(L-ppb)	(ug/	(L-ppb)
Naphthalene		ND	0.079	293	0.395	ND	0.079	ND	0.079
Acenaphthylene		ND	0.079	8.77	0.395	ND	0.079	ND	0.079
Acenaphthene		ND	0.085	ND	0.425	ND	0.085	ND	0.085
Fluorene		ND	0.128	ND	0.640	ND	0.128	ND	0.128
Phenanthrene		ND	0.220	ND	1.10	ND	0.220	ND	0.220
Anthracene		ND	0.214	ND	1.07	ND	0.214	ND	0.214
Fluoranthene	. !	ND	0.288	ND	1.44	ND	0.288	ND	0.288
Pyrene		ND	0.144	ND	0.720	ND	0.144	ND	0.144
Benzo[a]anthracene	;	ND	0.130	ND	0.650	ND	0.130	ND	0.130
Chrysene		ND	0.142	ND	0.710	ND	0.142	ND	0.142
Benzo[b]fluoranthene		ND	0.270	ND	1.35	ND	0.270	ND	0.270
Benzo[k]fluoranthene		ND	0.250	ND	1.25	ND	0.250	ND	0.250
Benzo[a]pyrene		ND	0.190	ND	0.950	ND	0.190	ND	0.190
Indeno[1,2,3-cd]pyrene		ND	0.260	ND	1.30	ND	0.260	ND	0.260
Dibenz[a,h]anthracene		ND	0.360	ND	1.80	ND	0.360	ND	0.360
Benzo[g,h,i]perylene	,	ND	0.293	ND	1.47_	ND	0.293	ND	0.293
	Lab ID: Client ID:		572-005 041207	:					
	Matrix:		queous						

	Client ID: Matrix: Sampled Date	Aqueous				
PARAMETER(Units)		Conc	Q	MDL		
Volatiles - BTEX (Units)	(ug.	/L-µ	ppb)		
Benzene		ND		0.250		
Toluene		ND		0.310		
Ethylbenzene		ND		0.300		
Total Xylenes	:	ND		0.800		

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD

Lab Case No.: E07-03638

	Cube I tott							
03638-001 HIMW-1D		HIMW-1D-MS		HIMW-1D-MSD		03638-0 0 4 HIMW- 0 51		
-	-				-			
4/1				i		4/13/07		
Conc	Q MDL	Conc	Q MDL	Conc Q	MDL	Conc Q	MDL	
(ug/	L-ppb)	(ug/L	L-ppb)	(ug/L-	-ppb)	(ug/L-p pb)		
ND	0.260	~	~	~	~	8.42	0 .260	
ND	0.260	~	~	~	~	3.18	0 .260	
ND	0.400	~	~	~	~	3.90	0. 400	
ND	1.21	~	~	~	~	142 D	12.1	
(ug/	(ug/L-ppb) (ug/L-ppb)		(ug/L-ppb)		(ug/L-ppl			
1.41	0.079	~	~	~	~	1680	1.98	
ND	0.079	~	~	~	~	113	1.98	
ND	0.085	~	~	~	, ~	8.86	2 .13	
ND	0.128	~	~	~	~	25.7	3.20	
ND	0.220	~	~	~	~	12.5	5.50	
	0.214	~	~	~	~	ND	5.35	
	0.288	~	~	~	~	ND	7.20	
		· ~	~	~	~	ND	3.60	
	0.130	~	~	~	~.	ND	3.25	
		~	~	~	~	ND	3.55	
		~	~	~	~	ND	6.75	
		~	~	~	~	ND	6.25	
		~	~	~	~	ND	4.75	
		; , ~	~	~	~	ND	6.50	
		~	~	~	~	ND	9.00	
		~	~	~	~	ND	7.33	
	0363 HIM Aqu 4/1 Conc (ug/) ND	03638-001 HIMW-1D Aqueous 4/13/07 Conc Q MDL (ug/L-ppb) ND 0.260 ND 0.400 ND 1.21 (ug/L-ppb) 1.41 0.079 ND 0.085 ND 0.128 ND 0.128 ND 0.220 ND 0.214 ND 0.220 ND 0.214 ND 0.288 ND 0.144 ND 0.130 ND 0.142 ND 0.142 ND 0.270 ND 0.250 ND 0.250 ND 0.250 ND 0.260 ND 0.360	03638-001 03633 HIMW-1D HIMW Aqueous Aqueous 4/13/07 4/1 Conc Q MDL Conc (ug/L-ppb) (ug/L ND 0.260 ~ ND 0.400 ~ ND 0.400 ~ ND 0.400 ~ ND 0.0400 ~ ND 0.0400 ~ ND 0.079 ~ ND 0.079 ~ ND 0.085 ~ ND 0.128 ~ ND 0.220 ~ ND 0.214 ~ ND 0.144 ~ ND 0.142 ~ ND 0.142 ~ ND 0.270 ~ ND 0.190 ~ ND 0.260 ~ ND 0.260 ~ ND 0.360 <	HIMW-1D Aqueous 4/13/07 Conc Q MDL (ug/L-ppb) ND 0.260 ~ ~ ND 0.260 ~ ~ ND 0.400 ~ ~ ND 1.21 ~ ~ (ug/L-ppb) 1.41 0.079 ~ ~ ND 0.085 ~ ~ ND 0.128 ~ ~ ND 0.220 ~ ~ ND 0.220 ~ ~ ND 0.288 ~ ~ ND 0.244 ~ ~ ND 0.288 ~ ~ ND 0.130 ~ ~ ND 0.144 ~ ~ ND 0.130 ~ ~ ND 0.142 ~ ~ ND 0.142 ~ ~ ND 0.270 ~ ~ ND 0.260 ~ ~ ND 0.170 ~ ~ ND 0.270 ~ ~ ND 0.260 ~ ~ ND 0.360 ~ ~	03638-001 03638-002 03638-002 HIMW-1D HIMW-1D-MS HIMW-1 Aqueous Aqueous Aqueous 4/13/07 4/13/07 4/13 Conc Q MDL Conc Q (ug/L-ppb) (ug/L-ppb) (ug/L-ppb) (ug/L-ppb) ND 0.260 ~ ~ ~ ND 0.400 ~ ~ ~ ND 0.079 ~ ~ ~ ND 0.085 ~ ~ ~ ND 0.128 ~ ~ <td< td=""><td>03638-001 03638-002 03638-003 HIMW-1D HIMW-1D-MS HIMW-1D-MSD Aqueous Aqueous 4/13/07 Conc Q MDL Conc Q MDL Conc Q MDL Conc Q MDL ND 0.260 ~ ~ ~ ~ ND 0.400 ~ ~ ~ ~ ~ ND 0.400 ~ ~ ~ ~ ~ ~ ND 0.400 ~ ~ ~ ~ ~ ~ MD 0.400 ~ ~ ~ ~ ~ ~ ND 0.079 ~ ~ ~ ~ ~ ~ ND 0.028<td> 03638-001</td></td></td<>	03638-001 03638-002 03638-003 HIMW-1D HIMW-1D-MS HIMW-1D-MSD Aqueous Aqueous 4/13/07 Conc Q MDL Conc Q MDL Conc Q MDL Conc Q MDL ND 0.260 ~ ~ ~ ~ ND 0.400 ~ ~ ~ ~ ~ ND 0.400 ~ ~ ~ ~ ~ ~ ND 0.400 ~ ~ ~ ~ ~ ~ MD 0.400 ~ ~ ~ ~ ~ ~ ND 0.079 ~ ~ ~ ~ ~ ~ ND 0.028 <td> 03638-001</td>	03638-001	

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

D = The compound was reported from the Diluted analysis

Sample 002, and 003 were MS/MDS for sample 001. Please refer to internal QC for results.

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03638

Lab ID: Client ID: Matrix: Sampled Date	03638 HIMW Aque 4/13	7-14D ous /07	03638 HIMV Aqu 4/13	V-12D eous 8/07	TB0- Aqu 4/1	8-007 41307 ieous 3/07	03638 HIMW-1 Aqu 4/13	4D FILT. eous 8/07
PARAMETER(Units)	Conc	Q MDL	Conc (MDL	Conc Q	MDL	Conc Q	MDL
Volatiles - BTEX (Units)	(ug/L-	ppb)	(ug/L	-ppb)	(ug/l	L-ppb)	(ug/L-ppb)	
Benzene	0.390	0.260	0.503	0.260	ND	0.260	~	~
Toluene	ND	0.260	ND	0.260	ND	0.260	~	~
Ethylbenzene	ND	0.400	ND	0.400	ND	0.400	~	~
Total Xylenes	ND	1.21	ND	1.21	ND	1.21	_ ~	~
Semivolatiles - PAH (Units)	(ug/L-	ppb)	(ug/L	-ppb)	(ug/l	L-ppb)	(ug/L	-ppb)
Naphthalene	ND	0.079	0.454	0.079	~	~	~	~
Acenaphthylene	ND	0.079	ND	0.079	~	~	~	~
Acenaphthene	ND	0.085	ND	0.085	~	~	~	~
Fluorene	ND	0.128	ND	0.128	~	` ~	~	~
Phenanthrene	ND	0.220	ND	0.220	~	~	~	~
Anthracene	ND	0.214	ND	0.214	~	~	~	~
Fluoranthene	ND	0.288	ND	0.288	~	~	~	~
Pyrene	ND	0.144	ND	0.144	~	~	~	~
Benzo[a]anthracene	ND	0.130	ND	0.130	~	~	~	~
Chrysene	ND	0.142	ND	0.142	~	~	~	~
Benzo[b]fluoranthene	ND	0.270	ND	0.270	~	~	~	~
Benzo[k]fluoranthene	ND	0.250	ND	0.250	~	~	~	~
Benzo[a]pyrene	ND	0.190	ND	0.190	~	~	~	~
Indeno[1,2,3-cd]pyrene	ND	0.260	ND	0.260	~	~	~	~
Dibenz[a,h]anthracene	ND	0.360	ND	0,360	~	~	~	~
Benzo[g,h,i]perylene	ND	0.293	ND	0.293	~	~	~	~
Gas Screen (Units)	(ug/L	-ppb)	(ug/l	ppb)	(ug/		(ug/l	L-ppb)
Methane	ND	60.0	ND	60.0	~	~	~	~
Metals (Units)	(ug/L	-ppb)	(ug/I	L-ppb)	(ug/	'L-ppb)	(ug/	L-ppb)
Iron	2430	100	727	100	~	~	1020	100
General Analytical (Units)	7							
Alkalinity(ug/L-ppb)	28000	2000	13000	2000	~	~	~	~
Carbon Dioxide(ug/L-ppb)	42200	400	10900	400	~	~	~	~
Nitrate (NO3)(ug/L-ppb)	ND	500	955	500	~	~	~	~
Nitrite (NO2)(ug/L-ppb)	ND	50.0	ND	50.0	~	~	~	~
Sulfate as SO4(ug/L-ppb)	60200	2000	54700	2000	~	~	~	~
Heterotrophic Plate Count(CFU/ml)	16	1	26	1	~	~	~	~

	Lab ID:	0363	38-009
	Client ID:	HIMW-	12D FILT.
	Matrix:		ueous
	Sampled Date	4/	13/07
PARAMETER(Units)		Conc	Q MDL
Metals (Units)		(ug/	(L-ppb)
Iron		124	100

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03728

0372	8-001	0372	8-002	0372	8-003	0372	8-004
HIMY	W-02I	HIMY	W-02D	HIM	W-11I		W-11D
							eous
						_	6/07
							Q MDL
(ug/L	-ppb)	(ug/L	L-ppb)	(ug/L	-pp b)	(ug/L	ppb)
ND	0.260	ND	0.260	ND	0.260	ND	0.260
ND	0.260	ND	0.260	ND	0.260	ND	0.260
ND	0.400	ND	0.400	ND	0.400	ND	0.400
ND	1.21	ND	1.21	ND	1.21	ND	1.21
(ug/L	-ppb)	(ug/l	L-ppb)	(ug/L	pp b)	(ug/l	ppb)
0.203	0.079	ND	0.079	ND	0.079	ND	0.079
ND	0.079	ND	0.079	ND	0.079	ND	0.079
ND	0.085	ND	0.085	ND	0.085	ND	0.085
ND	0.128	ND	0.128	ND	0.128	ND	0.128
ND	0.220	ND	0.220	ND	0.220	ND	0.220
ND	0.214	ND	0.214	ND	0.214	ND	0.214
ND	0.288	ND	0.288	ND	0.288	ND	0.288
ND	0.144	ND	0.144	ND	0.144	ND	0.144
ND	0.130	ND	0.130	ND	0.130	ND	0.130
ND	0.142	ND	0.142	ND	0.142	ND	0.142
ND	0.270	ND	0.270	ND	0.270	ND	0.270
ND	0.250	ND	0.250	ND	0.250	ND	0.250
ND	0.190	ND	0.190	ND	0.190	ND	0.190
ND	0.260	ND	0.260	ND	0.260	ND	0.260
ND	0.360	ND	0.360	ND	0.360	ND	0.360
ND	0.293	ND	0.293	ND	0.293	ND	0.293
0372	8-005	0372	28-006	0372	8-007	0372	28-008
TB-0	41607	HIM	W-08S	HIM	W-02S	!	W-11S
-							ueous
		i .				ļ	7/07
Conc	Q MDL	Conc	Q MDL	Conc	Q MDL	Conc	Q MDL
(ug/l	L-ppb)	(ug/	L-ppb)	(ug/l	L-pp b)	(ug/	L-ppb)
ND	0.260	~	~	ND	0.260	~	~
ND	0.260	~	~ ~	ND	0.260	~	~
ND	0.400	~	~	ND	0.400	~	~
ND	1.21	~	~	ND	1.21	~	~
	HIMY Aqu 4/10 Conc ((ug/L) ND	ND 0.260 ND 0.400 ND 1.21 (ug/L-ppb) 0.203 0.079 ND 0.085 ND 0.128 ND 0.220 ND 0.214 ND 0.288 ND 0.144 ND 0.130 ND 0.142 ND 0.142 ND 0.270 ND 0.250 ND 0.190 ND 0.260 ND 0.360 ND 0.293 03728-005 TB-041607 Aqueous 4/16/07 Conc Q MDL (ug/L-ppb) ND 0.260	HIMW-02I Aqueous 4/16/07 Conc Q MDL Conc (ug/L-ppb) ND 0.260 ND ND 0.400 ND ND 1.21 ND (ug/L-ppb) (ug/L-ppb) (ug/L-ppb) (ug/L-ppb) (ug/L-ppb) (ug/L-ppb) (ug/L-ppb) ND 0.079 ND ND 0.079 ND ND 0.128 ND ND 0.128 ND ND 0.220 ND ND 0.220 ND ND 0.220 ND ND 0.214 ND ND 0.288 ND ND 0.144 ND ND 0.130 ND ND 0.142 ND ND 0.250 ND ND 0.250 ND ND 0.250 ND ND 0.260 ND ND 0.360 ND ND 0.360 ND ND 0.293 ND 03728-005 TB-041607 Aqueous 4/16/07 Conc Q MDL Conc (ug/L-ppb) ND 0.260 ~ ND 0.400 ~	HIMW-02I Aqueous 4/16/07 Conc Q MDL (ug/L-ppb) ND	HIMW-02I HIMW-02D HIMW-02D Aqueous Aqueous	HIMW-02I HIMW-02D HIMW-11I Aqueous 4queous 4queous	HIMW-02I HIMW-11I HIMW-11I Aqueous Aqueous Aqueous Aqueous Aqueous Aqueous Allelor Tone Q MDL Aqueous Aqueous Aqueous Aqueous Aqueous Aqueous Aqueous Aqueous Aqueous Theology Aqueous Allelor Tone Q MDL Cone Q MDL

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD

Lab Case No.: E07-03728

	Lab ID: Client ID: Matrix: npled Date	TB-0 Aqu 4/1	8-005 41607 eous 6/07	HIM Aqı 4/1	28-006 W-08S aeous 7/07	HIM Aqı 4/1	28-007 W-02S ueous 7/07	03728 HIMV Aqu 4/17	V-11S eous 7/07
PARAMETER(Units)		Conc (Q MDL	Conc	Q MDL	Conc	Q MDL	Conc (MDL
Semivolatiles - PAH (Units)	i	(ug/L	-ppb)	(ug/l	L-ppb)	(ug/l	L-ppb)	(ug/L	-ppb)
Naphthalene		~	~	ND	0.079	ND	0.079	~	~
Acenaphthylene		~	~	ND	0.079	ND	0.079	~	~
Acenaphthene		~	~	ND	0.085	ND	0.085	~	~
Fluorene		~	~	ND	0.128	ND	0.128	~	~
Phenanthrene		~	~	ND	0.220	ND	0.220	~	~
Anthracene		~	~	ND	0.214	ND	0.214	~	~
Fluoranthene	:	~	~	ND	0.288	ND	0.288	~	~
Pyrene		~	~	ND	0.144	ND	0.144	~	~
Benzo[a]anthracene		~	~	ND	0.130	ND	0.130	~	~
Chrysene		~	~	ND	0.142	ND	0.142	~	~
Benzo[b]fluoranthene		~	~	ND	0.270	ND	0.270	~	~
Benzo[k]fluoranthene		~	~	ND	0.250	ND	0.250	~	~
Benzo[a]pyrene		~	~	ND	0.190	ND	0.190	~	~
Indeno[1,2,3-cd]pyrene		~	~	ND	0.260	ND	0.260	~	~
Dibenz[a,h]anthracene		~	~	ND	0.360	ND	0.360	~	~
Benzo[g,h,i]perylene		~	~	ND	0.293	ND	0.293	~	~
GC-Fingerprint (Units)		(ug/L	-ppb)	(ug/L	L-ppb)	(ug/l	L-ppb)	(ug/L	-ppb)
			-	·	~		~	¢	{

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

GC FINGERPRINT ANALYSIS

Client/Project: URS Corp/Keyspan - Hempstead

Date Received: 4/17/07 Date Analyzed: 4/20/07

Lab ID	Client ID	RESULTS	-
03728-008	HIMW-11S	This sample closely approximates but is not an exact match of Fuel Oil Standard #2. Variations in the sample as compared to the standards may be attributed to weathering, evaporation, contamination and/or degradation.	UL

11 10/07

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD Lab Case No.: E07-03744

Lab ID:	03744		03744-		03744	1-003	03744	-004
Client ID:	HIMW		HIMW-1	l l	HIMW-1		HIMW	i .
Matrix:	Aque		Aque	1	Aqu		Aque	
Sampled Date	4/18/		4/18/		4/18		4/18	
PARAMETER(Units)	Conc Q			Q MDL	Conc Q		Conc Q	
Volatiles - BTEX (Units)	(ug/L-	ppb)					(ug/L-	ppb)
• ,	19.5	0.180	~	~	~	~	ND	0.180
Benzene Toluene	0.261	0.160	~	~	~	~	ND	0.160
Ethylbenzene	ND	0.220	~	~	~	~	ND	0.220
Total Xylenes	ND	0.630	~	~	~	~	ND	0.630
Semivolatiles - PAH (Units)	(ug/L-						(ug/L-	nnb)
İ		- -						
Naphthalene	0.261	0.079	~	~	~	~	ND	0.079
Acenaphthylene	13.3	0.079	~	~	~	~	ND	0.079
Acenaphthene	2.53	0.085	~	~	~	~	ND	0.085
Fluorene	0.778	0.128	~	~	~	· ~	ND	0.128
Phenanthrene	2.29	0.220	~	~	~	~	ND	0.220
Anthracene	0.255	0.214	~	~	~	~	ND	0.214
Fluoranthene	ND	0.288	~	~	~	~	ND	0.288
Pyrene	ND	0.144	~	~	~	~	ND	0.144
Benzo[a]anthracene	ND	0.130	~	~	~	~	ND	0.130
Chrysene	ND	0.142	~	~	~	~	ND	0.142
Benzo[b]fluoranthene	ND	0.270	~	~	~	~	ND	0.270
Benzo[k]fluoranthene	ND	0.250	~	~	~	~	ND	0.250
Benzo[a]pyrene	ND	0.190	~	~	~	~	ND	0.190
Indeno[1,2,3-cd]pyrene	ND	0.260	~	~	~	~	ND	0.260
Dibenz[a,h]anthracene	ND	0.360	~	~	~	~	ND	0.360
Benzo[g,h,i]perylene	ND	0.293	~	~	~	~	ND	0.293
Alcohols (Units)	(ug/L-	-ppb)						
Methane	ND	60.0	~	~	~	~	~	~
Metals (Units)	(ug/L	-ppb)					(ug/L	-ppb)
Iron	375	100	_ ~	~	_~	~	16500	100
General Analytical (Units)								
Alkalinity(ug/L-ppb)	65000	2000	~	~	~	~	ND	2000
Carbon Dioxide(ug/L-ppb)	18700	400	~	~	~	~	ND	400
Nitrate (NO3)(ug/L-ppb)	ND	500	~	~	~	~	ND	500
Nitrite (NO2)(ug/L-ppb)	ND	50.0	~	~	~	~	ND	50.0
Sulfate as SO4(ug/L-ppb)	28800	1000	~	~	~	~	47600	2000
Heterotrophic Plate Count(CFU/ml)	104 J	1	~	~	~	~	35 J	1

^{~ =} Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

CFU=Colony Forming Units

Samples 002 & 003 are client supplied MS/MSD samples. See Internal QC for results.

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN - HEMPSTEAD

Lab Case No.: E07-03744

Lab ID:	0374	4-005	0374	4-006	03	744-007	03	744-008
Client ID:		41807		11807	HIMV	V-15I FILT.	HIMW-	15I-MS FILT.
Matrix:		ieous	Aqu	eous	. A	queous		queous
Sampled Date	4/18/07		4/18/07		4	1/18/07	4	/18/0 7
PARAMETER(Units)		Q MDL	Conc	Q MDL	Conc	Q MDL	Conc	Q MDL
Volatiles - BTEX (Units)	(ug/l	L-ppb)	(ug/L	-ppb)				
	ND	0.180	ND	0.180	~	~	~	~
Benzene	ND	0.160	ND	0.160	~	~	~	~
Toluene	ND	0.220	ND	0.220	~	~	~	~
Ethylbenzene Total Xylenes	ND	0.630	ND	0.630	~	~	~	~
Semivolatiles - PAH (Units)	(ug/l	L-ppb)						
Naphthalene	ND	0.079	~	~	~	~	~	~
Acenaphthylene	ND	0.079	~	~	~	~	~	~
Acenaphthene	ND	0.085	~	~	~	~	~	~
Fluorene	ND	0.128	~	~	~	· ~	~	~
Phenanthrene	ND	0.220	~	~	~	~ ,	~	~
Anthracene	ND	0.214	~	~	~	· ~	~	~
Fluoranthene	ND	0.288	~	~	~	~	~	~
Pyrene	ND	0.144	~	~	~	~	~	~
Benzo[a]anthracene	ND	0.130	~	~	~	~	~	~
Chrysene	ND	0.142	~	~	~	, ~	~	. ~
Benzo[b]fluoranthene	ND	0.270	~	~	~	~	~	~
Benzo[k]fluoranthene	ND	0.250	~	~	~	~	~	~
Benzo[a]pyrene	ND	0.190	~	~	~	~	~	~
Indeno[1,2,3-cd]pyrene	ND	0.260	~	~	~	~	~	~
Dibenz[a,h]anthracene	ND	0.360	~	~	~	~	~	~
Benzo[g,h,i]perylene	ND	0.293	~	~	~	~	~	~
Alcohols (Units)	(ug/	(L-ppb)						
Methane	ND	60.0	~	~	~_	~	~	~
Metals (Units)	(ug/	/L-ppb)			(ug/L-ppb)		
Iron	ND	100	~	~	114	100	~_	~
General Analytical (Units)								
· · ·	ND	2000		~	_ ~	~	~	~
Alkalinity(ug/L-ppb)	ND ND	400		~	~	~	~	~
Carbon Dioxide(ug/L-ppb)	ND ND	500	_	~	~	~	~	~
Nitrate (NO3)(ug/L-ppb)	ND ND	50.0	~	~	~	~	~	~
Nitrite (NO2)(ug/L-ppb)	ND	1000	_	~	~	~	_ ~	~
Sulfate as SO4(ug/L-ppb) Heterotrophic Plate Count(CFU/ml)	35	1	~	~	~	~	~	~
Lab ID:		744-009	037	44-010		3744-011		
Client ID:		5I-MSD FILT.	1	-15D FILT.	ı	41807 FILT.		
Matrix:	1	queous	l l	queous		Aqueous		
Sampled Date	1	/18/0 7		18/07		4/18/07		
PARAMETER(Units)	Conc	Q MDL	Conc		Conc			
				/L-ppb)		(ug/L-ppb)		
Metals (Units)			17100			100		
Iron	~	~	1/100	, 100	עאו	100		

^{~ =} Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

CFU=Colony Forming Units

Samples 008 & 009 are client supplied MS/MSD samples. See Internal QC for results.

SUMMARY REPORT

Client: URS Corporation - Wayne Project: KEYSPAN

Lab Case No.: E07-04271

T.I.ID		1 001			0.425	1 002	0.42	71 004
Lab ID		1-001		1-002		1-003	1	71-004
Client ID		W-18I	ì	50207		50207	1	-18I FILT.
Matrix	-	ieous	-	leous		ieous		lueous
Sampled Dat	1	2/07	1	2/07		2/07	1	/2/07
PARAMETER(Units)	Conc Q	MDL	Conc	Q MDL	Conc	Q MDL	Conc Q	MDL
Volatiles - BTEX (Units)	(ug/I	L-ppb)	(ug/L	ppb)	(ug/l	L-ppb)	(ug	/L-ppb)
Benzene	2.68	0.260	ND	0.260	ND	0.260	~	~
Toluene	3.32	0.260	ND	0.260	ND	0.260	~	~
Ethylbenzene	ND	0.400	ND	0.400	ND	0.400	~	~
Total Xylenes	63.6	1.21	ND	1.21	ND	1.21	~	~
Semivolatiles - PAH (Units)	(ug/l	L-ppb)	(ug/L	-ppb)	(ug/l	L-ppb)	(ug	/L-ppb)
Naphthalene	230	0.474	ND	0.079	~	~	~	~
Acenaphthylene	18.4	0.474	ND	0.079	~	~	~	~
Acenaphthene	1.62	0.510	ND	0.085	~	~	~	. ~
Fluorene	4.53	0.768	ND	0.128	~	~	~	~
Phenanthrene	3.71	1.32	ND	0.220	~	~	~	~
Anthracene	ND	1.28	ND	0.214	~	~	~	~
Fluoranthene	ND	1.73	ND	0.288	~	~	~	~
Pyrene	ND	0.864	ND	0.144	~	~	~	~
Benzo[a]anthracene	ND	0.780	ND	0.130	~	~	~	~
Chrysene	ND	0.852	ND	0.142	~	~	~	~
Benzo[b]fluoranthene	ND	1.62	ND	0.270	~	~	~	~
Benzo[k]fluoranthene	ND	1.50	ND	0.250	~	~	~	~
Benzo[a]pyrene	ND	1.14	ND	0.190	~	~	~	~
Indeno[1,2,3-cd]pyrene	ND	1.56	ND	0.260	~	~	~	~
Dibenz[a,h]anthracene	ND	2.16	ND	0.360	~	~	~	~
Benzo[g,h,i]perylene	ND	1.76	ND	0.293	~	~	~	~
Alcohols (Units)	(ug/	L-ppb)	(ug/I	L-ppb)	(ug/	L-ppb)	(ug	(/L-ppb)
Methane	ND	60.0	ND	60.0	~	~	~	~
Metals (Units)	(ug/	L-ppb)	(ug/l	L-ppb)	(ug/	L-ppb)	(ug	g/L-ppb)
Iron	342	100	ND	100	~	~	267	100_
General Analytical (Units)	and a second							
Alkalinity(ug/L-ppb)	4000	2000	ND	2000	~	~	~	~
Carbon Dioxide(ug/L-ppb)	ND	400	ND	400	~	~	~	~
Nitrate (NO3)(ug/L-ppb)	3760	500	ND	500	~	~	~	~
Nitrite (NO2)(ug/L-ppb)	52.0	50.0	ND	50.0	~	~	~	~
Sulfate as SO4(ug/L-ppb)	41400	2000	ND	1000	~	~	~	~
Heterotrophic Plate Count(CFU/ml)	99	1	ND	NA	~	~	~	~

	Lab ID: Client ID: Matrix: Sampled Date		7 FILT.	
PARAMETER(Units)		Conc Q	MDL	
Metals (Units)		(ug/L-ppb)		
Iron	ND	100		

 $[\]sim$ = Sample not analyzed for ND = Analyzed for but Not Detected at the MDL

ATTACHMENT B SUPPORT DOCUMENTATION

CHAIN OF CUSTODY

CUSTOSIER	REPORTING INLO	Turnaround Time (starts the following day if samples rec'd at lab > 5PM)	at lab > 5PM)	
company: (1RS Corrovation	REPORT TO: 10 Alperhouse	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT	mple arrival. RUSH TAT IS NOT	
Address: 12 Commerce Drive	Address: 973-785-0700	GUARANTEED WITHOUT LAB APPROVAL, RUSH SURCHARGES WILL APPLY IF ABLE TO	H SURCHARGES WILL APPLY I	ABLETO
Gantan Mit				emAIL
Telephone #:		3	Rush TAT Charge ** Report Format	DISKETTE
	Attu: Michael - akerbergs @ Ursarp. an	24 hr* 48 hr 72 hr NA	Results Only S	SRP. dbf format
Fax#:	FAX# 973-785-0023	Verbal/Fay/EMAIL 2 wk/Std	Reduced	CDD and a Co
Project Manager: Mike Apurbangs	INVOICE TO: Mike Aborbanas	24 hr* 48 hr* 72 hr* 1 w/c*		
Sampler: Rim Hicks / Arrala / raggerymon	Address: 201 (Nillruhral Ali	-		lab approved custom
Project Name: KaySbarn - Hemosterd	Wann NF 07474	ş	Other (describe)	
Project Location (State):		ANALVIICAL PADAMETEDS	ᆌ	NO DISKCD REGID
Bottle Order #:	Atta:	••	Cooler Temp	۲.º
Quote #:	PO#	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Sample Matrix	クカ/	#BOTTLES &	5.S.&
	DW - Drinking Water AO - Ameens WW - Weste Wester	/ ×	PRESERVATIVES	TIVES
SAMPLE INFORMATION	OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S. Soil St. Studes SOI - SOIL	HI		-
Client ID Depth	Г	-8	10 60 HO	3
	Time container		M°C	Mon Space
VZ-02 NA	04/09/07 1157 100 3 1	×		1
` ~	1 1255 40 3 2	X		
HIMM-38 V	1240 48 3 7	×		
•				
Known Hazard: Yes or No Describe:		Conc. Expected: (Low) Med High		
lease print legibly and fill out completely. Sam	ples cannot be processed and the turnaround ti	MDL Req: O	05 GWOS - SCC - OTHER (SEE C	MMENTS

ambiguities have been resolved.

_	Signatur	Signature/Company	Date	Time	Signature/Company	1
	Relinquished by: 1790.	ask delyenor	4/3/07	1425	AD Received by: F 1 M Doll	7
	Relinquished by:	Redinquished by: Feel Morn D	4/867	1846		724
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	Relinquished by:				Received by:	
-	Relinquished by:				Received by:	
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eluma)	r	•
	Lab Case #	•

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	Lab Case	()

Net No. 9 020400900

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: <u>E07 - 3177</u>		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	<u>Yes</u> ✓
2.	GC/MS Tuning Specifications: a. BFB Passed		✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		na
	b. System Performance Check Compounds		na
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		
	If not met, were the calculations checked and the results qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na
9.	Internal Standard Area/Retention Time Shift meet criteria		√
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:	-	
12.	Sample Dilution Performed High Target High Nontarget Compounds Compounds Matrix Interference Other		
13.	Comments:		
	Organics Manager Date		

16V 01/07

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

	Lab Case Number: <u>E07 - 03[77</u>		
		<u>No</u>	<u>Yes</u>
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		
2.	GC/MS Tuning Specifications: a. DFTPP Passed		
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds		
6.	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction	<u>√</u>	
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction If not met, were the calculations checked and the results qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		
9.	Internal Standard Area/Retention Time Shift meet criteria		
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		
12.	Sample Dilution Performed High Target High Nontarget Matrix Interference Other Compounds Compounds		
13.	Comments:		
	4.5.07		
	O (ganics Manager Date		

SUMMARY REPORT

Client: URS Corp.

Project: KEYSPAN-HEMPSTEAD

Lab Case No.: E07-03237

Lab ID:	0323	7-001	03237	/-002	0323	7-003	0323	7-004
Client ID:	HIMV	W-03D	HIMV	V-04D	PZ	-03	HIMV	W-04S
Matrix:	Aqu	ieous	Aque	eous	Aqu	eous		eous
Sampled Date	4 /4	1/07	4/4/	07	4/4	/07	4/4	/07
PARAMETER(Units)	Conc Q	MDL	Conc Q	MDL	Conc (Q MDL	Conc	Q MDL
Volatiles - BTEX (Units)	(ug/L	ppb)	(ug/L-	-ppb)	(ug/L	-ppb)	(ug/L	-ppb)
Benzene	ND	0.250	ND	0.250	ND	0.250	ND	0.250
Toluene	ND	0.310	ND	0.310	ND	0.310	ND	0.310
Ethylbenzene	ND	0.300	ND	0.300	ND	0.300	ND	0.300
Total Xylenes	ND	0.800	ND	0.800	ND	0.800	ND	0.800
Semivolatiles - PAH (Units)	(ug/l	L-ppb)	(ug/L	-ppb)	(ug/L	-ppb)	(ug/L	ppb)
Naphthalene	ND	0.158	ND	0.158	ND	0.158	ND	0.158
Acenaphthylene	ND	0.158	ND	0.158	ND	0.158	ND	0.158
Acenaphthene	ND	0.170	ND	0.170	ND	0.170	ND ,	0.170
Fluorene	ND	0.256	ND	0.256	ND	0.256	ND	0.256
Phenanthrene	ND	0.440	ND	0.440	ND	0.440	ND	0.440
Anthracene	ND	0.428	ND	0.428	ND	0.428	ND	0.428
Fluoranthene	ND	0.576	ND	0.576	ND	0.576	ND	0.576
Pyrene	ND	0.288	ND	0.288	ND	0.288	ND	0.288
Benzo[a]anthracene	ND	0.260	ND	0.260	ND	0.260	ND	0.260
Chrysene	ND	0.284	ND	0.284	ND	0.284	ND	0.284
Benzo[b]fluoranthene	ND	0.540	ND	0.540	ND	0.540	ND	0.540
£ _	ND	0.500	ND	0.500	ND	0.500	ND	0.500
Benzo[k]fluoranthene	ND	0.380	ND	0.380	ND	0.380	ND	0.380
Benzo[a]pyrene	ND	0.520	ND	0.520	ND	0.520	ND	0.520
Indeno[1,2,3-cd]pyrene	ND	0.720	ND	0.720	ND	0.720	ND	0.720
Dibenz[a,h]anthracene Benzo[g,h,i]perylene	ND ND	0.720	ND	0.720	ND	0.726		0.586
Alcohols (Units)		L-ppb)		-ppb)		 L-ppb)		L-ppb)
Methane	~	~	ND	60.0	~	~	ND	60.0
Metals (Units)	(ug/	L-ppb)	(ug/L	ppb)	(ug/l	L-ppb)	(ug/	L-ppb)
Iron	~	~	330	100	~	~	120	100
General Analytical (Units)			:					
Alkalinity(ug/L-ppb)	~	~	13000	2000	~	~	13500	2000
Carbon Dioxide(ug/L-ppb)	~	~	34400	400	~	~	22000	400
Nitrate (NO3)(ug/L-ppb)	~	~	5020	500	~	~	2000	500
Nitrite (NO2)(ug/L-ppb)	~	~	ND	50.0	~	~	ND	50.0
Sulfate as SO4(ug/L-ppb)	~	~	23100	1000	~	~	22700	100
Heterotrophic Plate Count(CFU/ml)	~	~	56	2	~	~	26	2
Lab ID:		37-005		7-006				
Client ID:	HIMW-	04D FILT.	HIMW-	04S FILT	:			
Matrix:	. Aq	ueous	Aqı	ueous				
Sampled Date	-	/4/07	4/-	4/07				
PARAMETER(Units)	Conc C) MDL	Conc	Q MDL	_			
					=			

(ug/L-ppb)

100

ND

(ug/L-ppb)

ND

100

Metals (Units)

Iron

 $[\]sim$ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

CUSTOHER	KLIVKHINGE	(111)	L										
Company: 1/8 (Drob Coller	REPORT TO: Mite Albahan	Oshoras	Lab n	diffication is re	equired fo	RUSH	FAT prio	r to sam	ple arriva	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT	IS NO		A Company
Address: 201 Millowbrook Blud	Address:	- Amaria	- GUA	GUARANTEED WIT ACCOMMODATE**	THOUT 1	AB APF	ROVAL.	RUSH	SURCHA	GUARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE**	APPLY		E TO
Name NT 17474	Mirls 1	0 %	Condi	Conditional TPHC		٩	Rembe needed by:	r		L	ŀ	TAINIT	1
1	1 77	200		- THE TOTAL PROPERTY OF THE PARTY OF THE PAR			200000	†	Kitan IAI Charge	e Keport Format	ij	DISKETTE	TTE
	ATTEL CANSCORD COM	NG.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	48 hr 72 hr	r N					Results Only	uly	SRP. dbf format	ormat
Fax#: 973-705-0023	FAX#		Verba	Verbal/Fax/email 2 wk/Std	wk/Std			7 4	24 hr - 100 %	Reduced	<u> </u>	SRP.wk1 format	ormat (
Project Manager: Mike Heabong	INVOICE TO:		74 hr.	48 hr* 72 hr*	r 1 wk*	L			72 hr . 50%	U),)
Sampler: KH, AL, 8B, TLM	Address:		Hard Copy		3 wk/Std			7	5 day - 25%			lab approved custom EDD	l custom
Project Name: LONS Dan - Hemostead			2 wk* call for price						6-9 day 10%	_		NO DISK/CD RED.D	BEO'D
Project Location (State):				V	ANALYTICAL PARAMETERS	AL PAR	AMETE	 2			1	۲	r
Bottle Order #:	Attn:		۳		ua)			<u>~</u>	_		Cooler Temp	۲	*******************
Quote #:	PO#		t c	51			7(por					
	Sample Matri	Çi,	の 列 I	10	e lo	,	n	FOV			# BOT	# BOTTLES &	
	DW - Drinking Water AQ - Aqueous WW - Waste Water	WW - Waste Water	<u>V</u>	<u>.</u> ₩	_	a	P	_		•	ESER	PRESERVATIVES	સ
SAMPLE INFORMATION	OI - Oil LIO - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludee SOL - Soild W - Wire	Other (Specify) Wine	X.			fy	plue	boul	125 073 54	9t		_	_
Client ID Depth	Sampling Time N	Matrix ** IAL*	₹ 1	Htx	149	MS	SSI			НО	204	рет ЭОН	9.103
HTMW - 030	Ī	<	/ >	+	7	7	9	+		H 7	-	+	No No
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HT MW- 040	(220	_	メ×	× ×	<u>X</u>	X	X	X	× ×	1 7		-	0
PZ - 03	1020	3	X	×				-		2		+	-
HTMM - 045	4 1218	h 6 1	X	×	X	X	X	\ *	X	1.		F	7
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					-	1		-	+		1	1	+
						1	+	+	-		1		
<						(
Known Hazard: Yes of No Describe:				Conc. Expected:	ected: Low	Med	量量		-		1		
Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved	nples cannot be processed and	the turnaround t	ime will n	ot start until d		Req: C	Id GWQ	S - 11/05	GWQS	MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)	R (SEE	COMIM	ENTS)
244444				-									

Signature/Company	Date	Time	Signature/Company
Redinquished by: Lings of Mark	460	1884	TO 1487 Received by: 18 11 9 4 1 1
Relinquished by: Tab Man D	19/6/	1835	(35) Becound by:
Relinquished by:			Received by:
Relinquished by:			Received by:
Relinquished by:			Received by:

Comments: Metals to be Jab - filtered

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

05/2006

Fred Me. G. ARG TONGO

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: E07 -	3437		
1.	Chromatograms Labeled/Compounds Identified (Fig	eld Samples and Method Blanks).	<u> 10</u>	<u>Yes</u> ✓
2.	GC/MS Tuning Specifications: a. BFB Passed			√
3.	GC/MS Tuning Frequency - Performed every 24 hor 12 hours for 8000 series and 8 hours for 500 series.	urs for 600 series,		
4.	GC/MS Calibration - Initial calibration performed with analysis and continuing calibration performed within analysis for 600 series, 12 hours for 8000 series	hin 30 days before sample 24 hours before sample	·	<u> </u>
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds			na
	b. System Performance Check Compounds			na
6.	Blank Contamination - If yes, list compounds and co	oncentrations in each blank:		
7.	Surrogate Recoveries Meet Criteria (If not met, list the recoveries which fall outside the acceptable range)	hose compounds and their		<u> </u>
	If not met, were the calculations checked and the res	sults qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if rand their recoveries/% differences which fall outside	not list those compounds		na
9.	Internal Standard Area/Retention Time Shift meet cri	iteria		✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sar	mple:		na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each san	mple:		√
[Sample Dilution Performed High Target High Nontarget Compounds Compounds Comments:	Matrix Interference Other	<u>/</u> _	
-	Organics Manager	<u>4/9/٥٦</u> Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

Lab Case Number:

E07 - 03137

 Chromatograms Labeled/Com 	npounds Identified (Field Samples and Method Blanks).	<u>No</u>	<u>Yes</u>
GC/MS Tuning Specifications:a. DFTPP Passed	the same and mound blanks).		<u> </u>
 GC/MS Tuning Frequency - Pe 12 hours for 8000 series. 	erformed every 24 hours for 600 series,		
 GC/MS Calibration - Initial calibra analysis and continuing calibra analysis for 600 series. 	bration performed within 30 days before sample ation performed within 24 hours before sample		
 GC/MS Calibration Requirement Calibration Check Compour System Performance Check 	nds		<u> </u>
Blank Contamination - If yes, lis a. B/N Fraction b. Acid Fraction	st compounds and concentrations in each blank:		
a. B/N Fraction	teria (If not met, list those compounds and their e acceptable range)		✓
b. Acid Frac tio n If not met, were the calculations	checked and the results qualified as "estimated"?	- -	
and their recoveries/% difference a. B/N Fraction b. Acid Fraction	cate meet criteria (if not, list those compounds ces which fall outside the acceptable range)		na ✓
9. Internal Standard Area/Retention	n Time Shift meet criteria	-	./
10. Extraction Holding Time Met If not met, list number of days ex			<u> </u>
11. Analysis Holding Time Met If not met, list number of days exc	ceeded for each sample:	· ·	✓
12. Sample Dilution Performed High Target High Non Compounds Compou		√ _	
13. Comments:			
Ru	4.9-07		
O ganics Manager	Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Number:

E07 - 03237

1	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	No	Yes
2			
3.	Calibration - Initial calibration performed within 30 days prior to sample analysis and continuing calibration performed within 24 hrs of the sample analysis.		
4.		/	
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		, e
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
7.	Retention Time Shift Meet Criteria (if applicable).		J
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		J
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:	-	<u> </u>
	A. Hydrocarbons B. Gas Screens: C. Metabolic Acids:		
_	Comments:		
-	7		,
-	Organic Manager 04-16-2007 Date		
rev	01/07 Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY METAL ANALYSIS

Lab Case Number: <u>E07-03237</u>

alibration Summary Meet Criteria. P Interference Check Sample Results Meets Criteria (if applicable)		,
saint Ditution/Dank Calles Commonas Combanitant (if amplicable) / Manta Calleria		
erial Dilution/Post Spike Summary Submitted (if applicable) / Meets Criteria		
ternal Standards Meet Criteria (if applicable)	W	
aboratory Control Sample Summary Submitted (if applicable) / Meets Criteria	<u></u>	
ank Contamination: If yes, list compounds and concentrations in each blank	<u> </u>	
atrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If not, list those		
empounds and their recoveries which fall outside the acceptable range). Attraction Holding Time Met. If not, list number of days exceeded for each		
ımple:		
nalysis Holding Time Met. If not, list number of days exceeded for each		
ample:		
dditional Comments:	·	
W. Falk. Fergencer		
Inorganic Manager	April 10, 2007 Date	-

CHAIN OF CIISTODY	
Fax # (973) 989-5268	

PERMING INTO	REPORTTO: Mike Akerbergs	vd, Address	Wayne NJ 07474 michael-akerbergs @ Conditional IPHC	Attn: UNSCORD. COM 24 hr 72 hr NA	FAX#	Project Manuger: Mike Akerbengs Invoice To: Mike Akerbangs 20 10 10 10 10 10 10 10 10 10 10 10 10 10	Address:	2 wk* call for price	Project Location (State): \bigwedge ANALYTICA	Affin:	100 P P P P P P P P P P P P P P P P P P	CAN THE STATE OF T	Waste Waster Master X Specify)	Sampling Matrix # 1AL!	×	2 X X X X X X	, 3 X X	1130 9 4 X X X X		V 1922 V 3 6 X X	1 1 10 2 7 X	()	A 5	Cl
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e (starts the fo	s required fo	TE**	ᄓ		(L2wk/Std		3 wk/Std		ANALYTIC	31) (\(\rac{1}{2}\)	ינגי ונק ונק	N/	1 /sp.	NH Toti		X	XX	×						
Lowing day if sample	F RUSH TAT pric	LAB AFFRUVAL	Results needed by:						AL PARAMETE	7	ග	9+19	tante, older solved	i?		X X	X	××						
rec'd at lab > 5P	r to sample arriv	козн зоксн	by: Rush TAT Charge **		24 hr - 100%	72 hr - 50%	5 day - 25%	6-9 day 10%	SS		. /	1:1	iolick oblin sovet	HIF	1	XXX	X X X	XXX						
'M')	AL RUSH TATTS	AKGES WILL AF	r ** Report Format	Results Only	Reduced	(Regulatory								IAO3 (ºOH ICI		7		7	- 7	61	7			
	NOT	FLY IF ABL		SRP. dbf format	SRP.wkl format	Jah emmoyed creeton	_	NO DISK/CD REQ'I	1	Cooler Temp C	X	# BOTTLES & PRESERVATIVES		IZSO4	v -	_								
	1	ANT IN	ETTE	format	format	1	O	D REQ'	ľ.	edick dicks	, and deliber	. J &	 3	one	+	r.	4	, v		-	\vdash	\vdash	+	╁

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS) ambiguities have been resolved. ents: Motork to Lo

	Signafure/Company /	Date	J.	Signature/Company
Relinquished by:	Maple Help moon	120/5/2	8	1500 Received by: Jak Man 1 1. 1. 1. 1.
Relinquished by:	Minask	1 LAUS/ 1.	5491	Jan Jan
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INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: E07 - 3197		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	No	Yes
2.			
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		
4.			√
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		
	b. System Performance Check Compounds		<u>na</u>
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	na
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		_
	If not met, were the calculations checked and the results qualified as "estimated"?	-	
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na na
9.	Internal Standard Area/Retention Time Shift meet criteria	-	
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		na na
11.	Analysis Holding Time Met	-	√
	If not met, list number of days exceeded for each sample:		
12.	Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other	/	
	Compounds		
3.	Comments:		
-			
-			
-			
_	4/10/07		
	Organics Manager Date		

rev 01/07

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

Lab Case Number: E07 - 03297

Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	Yes
GC/MS Tuning Specifications: a. DFTPP Passed		
 GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series. 		
 GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series. 	-	
5. GC/MS Calibration Requirements:a. Calibration Check Compoundsb. System Performance Check Compounds		
Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		
7. Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction If not met, were the calculations checked and the results qualified as "estimated"?		
8. Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		
9. Internal Standard Area/Retention Time Shift meet criteria		✓
10. Extraction Holding Time Met If not met, list number of days exceeded for each sample:		
11. Analysis Holding Time Met If not met, list number of days exceeded for each sample:		
12. Sample Dilution Performed High Target High Nontarget Compounds Compounds Matrix Interference Other		
13. Comments:		
Organics Manager Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Nun	nber:
--------------	-------

E07 - 03297

1	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	No	Yes
2			
3.			
4.		J	
5.	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		J
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	- -	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
7.	Retention Time Shift Meet Criteria (if applicable).		J
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
•	Comments:		
-			
_	04-16-2007		
rev	Organic Manager Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY METAL ANALYSIS

Lab Case Number: E07-03297

	Oaltharting Burgers at AA A O. V.	<u>No</u>	<u>Yes</u>
1.	Calibration Summary Meet Criteria.		
2.	ICP Interference Check Sample Results Meets Criteria (if applicable)		
3.	Serial Dilution/Post Spike Summary Submitted (if applicable) / Meets Criteria		✓
4.	Internal Standards Meet Criteria (if applicable)		✓
5.	Laboratory Control Sample Summary Submitted (if applicable) / Meets Criteria		
) .	Blank Contamination: If yes, list compounds and concentrations in each blank:		
' .	Matrix SpikeMatrix Spike Duplicate Recoveries Meet Criteria. (If not, list those		✓
	compoundsand their recoveries which fall outside the acceptable range).		
١.	Extraction Halding Time Met. If not, list number of days exceeded for each sample:		_
•	Analysis Holding Time Met. If not, list number of days exceeded for each sample:		
	Additional Comments:		
	Sample(s) seed for aqueous metals analyses contained varying levels of sediment. Precautions were taken to use an aqueous representative of the sample. However, our experience has demonstrated that samples of this nature are very difficult to duplicate because the metals numbers are basically tied into the level of sediment present in the original sample. Additionally, as the remainder of the sample is stored under acidic conditions, some of the metals may continue to leach out into the water making any reproduction of the original number impossible. The rough amount of sediment present the samples is as follows:		

03297-002: 0.2%, 03297-004: 0.2%

H. Falek payenner

Inarganic Manager

April 12, 2007

Date

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

Lab File ID: <u>B4180.D</u>

DFTPP Injection Date: 04/11/2007

Inst ID:

MSDB

DFTPP Injection Time:

10:07

m/z	Ion Abudance Criteria		Relative oundanc			
51	30.0 - 60.0% of mass 198		30.1			
68	Less than 2.0% of mass 69		0.7	((2.0))1
69	Mass 69 relative abundance		32.7			
70	Less than 2.0% of mass 69		0.3	(0.8)1
127	40.0 - 60.0% of mass 198		47.2			
197	Less than 1.0% of mass 198		0.0			
198	Base peak, 100% relative abun	idance	100.0			
199	5.0 - 9.0% of mass 198		6.3			
275	10.0 - 30.0% of mass 198		26.4			
365	Greater than 1.0% of mass 198	3	3.9			
441	Present, but less than mass 443	3	15.18	(74.5)3
442	40.0 - 100.0% of mass 198		97.5		i	
443	17.0 - 23.0% of mass 442		20.4	(20.9)2
1-Value is % mass 69	2-Value is % mass 442	3-Value is % mass	443			

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

			Date	Time
Client ID	Lab Sample ID	File ID	Analyzed	Analyzed
ABN056.07	20ngOLMO4_FO	RB4181.D	04/11/2007	10:23
ABN043.07	20ngBNA_FOR_	0 B4183.D	04/11 /2 007	10:54
	Method_Blank	B4193.D	04/11 /2 007	13:05
	MS	B4194.D	04/11 /2 007	13:22
	MSD	B4195.D	04/1 1/2 007	13:38
MW-01/3.35	03347-001	B4196.D	04/11 /2 007	13:54
MW-02/3.89	03347-002	B4197.D	04/11 /2 007	14:11
MW-03/3.38	03347-003	B4198.D	04/11 /2 007	14:27
29-PS1-66	03317-001	B4199.D	04/11 /2 007	14:44
29-PS6-66	03317-002	B4200.D	04/11 /2 007	15:00
29-DUP040407	03317-004	B4201.D	04/11 /2 007	15:32
KO-1	03334-001	B4202.D	04/1 1/2 007	15:49
KO-2	03334-002	B4203.D	04/11 /2 007	16:05
MI-MW-2	03380-002	B4204.D	04/1 1/2 007	16:21
MI-TW-1	03380-003	B4205.D	04/11 /2 007	16:37
INFLUENT	03388-001	B4206.D	04/11 /2 007	16:53
EFFLUENT	03388-002	B4207.D	04/1 1/2 007	17:10
HIMW-12S	03389-002	B4208.D	04/11 /2 007	17:26
HIMW-8I	03389-003	B4209.D	04/11 /2 007	17:42
HIMW-09D	03389-005	B4210.D	04/1 1/2 007	17:59
HIMW-10I	03389-006	B4211.D	04/11 /2 007	18:15
SP-1-AQ	03406-001	B4212.D	04/1 1/2 007	18:31
SP-2-AQ	03406-002	B4213.D	04/11/2007	18:48

Evaluate Continuing Calibration Report

File : C:\MSDCHEM\1\DATA\04-11-07\B4183.D Vial: 98

: 11 Apr 2007 10:54 Operator:

On ple : ABN043.07,20ngBNA_FOR_04/11/07 Inst : MSD B Multiplr: $1.0\overline{0}$: ,1

Integration Params: rteint.p

: C:\MSDCHEM\1\METHODS\BW0607.M (RTE Integrator) hod

: BNA CALIBRATION METHOD Update : Mon Apr 02 13:59:16 2007 ponse via : Multiple Level Calibration

	Compound	AvgRF	CCRF	%Dev Are	a% 	Dev(min)
	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	-0.02
	N-Nitrosodimethylamine	0.732	0.788	-7.7	75	-0.02
4	Pyridine	0.925	0.915	1.1	67	-0.01
	2-Fluorophenol	1.320	1.558	-18.0	73	-0.01
7	Benzaldehyde	0.903	0.838	7.2	84	-0.02
5	Phenol-d5	1.699	1.797	-5.8	69	-0.02
ИС	Phenol	1.793	1.990	-11.0	84	-0.02
	Aniline	0.761	0.782	-2:8	72	`-0.02
r	Bis(2-chloroethyl) ether	0.961	1.011	-5.2	73	-0.02
M	2-Chlorophenol	1.349	1.405	-4.2	76	-0.02
r M I	1,3-Dichlorobenzene	1.485	1.569	-5.7	77	-0.02
MC	1,4-Dichlorobenzene	1.500	1.426	4.9	68	-0.02
r	Benzyl alcohol	0.793	0.808	-1.9	71	-0.02
Γ	1,2-Dichlorobenzene	1.434	1.410	1.7	71	-0.02
T	2-Methylphenol	1.237	1.224	1.1	69	-0.02
Γ	Bis(2-chloroisopropyl) ethe	1.732	1.909	-10.2	78	-0.01
Г	4-Methylphenol	1.280	1.276	0.3	75	-0.02
MP	N-Nitrosodi-n-propylamine	0.956	0.967	-1.2	73	-0.02
T	Acetophenone	1.710	1.738	-1.6	75	-0.02
T	2-Aminotoluene +4-Aminotolu	1.354	1.298	4.1	70	-0.02
T	Hexachloroethane	0.529	0.564	-6.6	78	-0.02
T	2,6-Dimethylphenol	1.142	1.157	-1.3	93	-0.01
I	Naphthalene-d8	1.000	1.000	0.0	72	-0.02
S	Nitrobenzene-d5	0.370	0.335	9.5	72	-0.02
T	Nitrobenzene	0.349	0.375	-7.4	77	-0.02
T	Isophorone	0.608	0.680	-11.8	76	-0.02
TC	2-Nitrophenol	0.190	0.208	-9.5	76	-0.02
T	2,4+2,5-Dimethylphenol	0.356	0.352	1.1	66	-0.02
T	Bis(2-chloroethoxy) methane	0.384	0.429	-11.7	79	-0.02
T	Benzoic acid	0.165	0.156	5.5	67	-0.03
Ť	2,4-Dimethylaniline	0.184	0.180	2.2	66	
TC	2,4-Dichlorophenol	0.306	0.304	0.7	68	
M	1,2,4-Trichlorobenzene	0.315	0.328	-4.1	73	
T	Naphthalene	1.040	1.066	-2.5	70	
Ť	4-Chloroaniline	0.551	0.570	-3.4	71	
T	4-Aminoaniline	0.391	0.355	9.2	83	
TC	Hexachlorobutadiene	0.188	0.184	2.1	69	
T	Caprolactam	0.135	0.147	-8.9	72	
T	2-Aminoaniline	0.385	0.322	16.4	69	•
MC	4-Chloro-3-methylphenol	0.302	0.320	-6.0	72	
T	2-Methylnaphthalene	0.697	0.716	-2.7	73	
T	3,5-Dimethylphenol	0.352	0.326	7.4	83	-0.01
I	Acenaphthene-d10	1.000	1.000	0.0	67	
TP	Hexachlorocyclopentadiene	0.292	0.270	7.5	62	
TC	2,4,6-Trichlorophenol	0.335	0.352	-5.1	70	-0.02

TSHHHHHHHMHMMHHHHH F	2,4,5-Trichlorophenol 2-Fluorobiphenyl Biphenyl 2-Chloronaphthalene 2-Nitroaniline Dimethyl phthalate 2,6-Dinitrotoluene Acenaphthylene 3-Nitroaniline Acenaphthene 2,4-Dinitrophenol 4-Nitrophenol 2,4-Dinitrotoluene Dibenzofuran Diethyl phthalate Fluorene 4-Chlorophenyl phenyl ether 4-Nitroaniline 1,2,4,5-Tetrachlorobenzene Hydroquinone	0.368 1.284 1.360 1.059 0.289 1.235 0.257 1.734 0.292 1.093 0.204 0.227 0.322 1.598 1.214 1.218 0.629 0.330 0.286 0.741	0.390 1.299 1.478 1.112 0.312 1.325 0.265 1.804 0.294 1.119 0.220 0.225 0.325 1.624 1.301 1.298 0.618 0.309 0.291 0.701	-6.0 -1.2 -8.7 -5.0 -8.0 -7.3 -3.1 -4.0 -0.7 -2.4 -7.8 0.9 -1.6 -7.2 -6.6 1.7 6.4 -1.7 5.4	72 75 71 68 71 68 66 69 64 67 73 66 67 79	-0.02 -0.01 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02
HTITSTHT C HTITSTHT MTTTTC	Phenanthrene-d10 4,6-Dinitro-2-methylphenol N-Nitrosodiphenylamine 1,2-Diphenylhydrazine 2,4,6-Tribromophenol 4-Bromophenyl phenyl ether Hexachlorobenzene Atrazine Pentachlorophenol Phenanthrene Anthracene Carbazole Di-n-butyl phthalate Fluoranthene Benzidine 2-Picoline	1.000 0.102 0.482 0.720 0.177 0.209 0.241 0.175 0.131 0.949 0.982 0.869 1.072 0.906 0.508 0.304	1.000 0.095 0.496 0.769 0.197 0.219 0.236 0.171 0.136 0.948 0.960 0.877 1.173 0.920 0.394 0.267	0.0 6.9 -2.9 -6.8 -11.3 -4.8 2.1 2.3 -3.8 0.1 2.2 -0.9 -9.4 -1.5 21.7 12.2	67 65 67 68 70 64 64 64 66 72 68 80	-0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.03 -0.03 -0.03 -0.03
IMSTTTTT	Chrysene-d12 Pyrene Terphenyl-d14 3,3'-Dimethylbenzidine Butyl benzyl phthalate 3,3'-Dichlorobenzidine Benzo[a]anthracene Chrysene Bis(2-ethylhexyl) phthalate 3-Picoline	1.000 1.139 0.888 0.528 0.470 0.317 0.900 0.976 0.637 0.435	1.000 1.225 0.843 0.504 0.574 0.348 0.958 1.037 0.816 0.463	0.0 -7.6 5.1 4.5 -22.1 -9.8 -6.4 -6.2 -28.1 -6.4	60 63 63 80 74 64 63 77 89	-0.05 -0.03 -0.04 -0.05 -0.05 -0.05 -0.05 -0.04
I TC T TC T	Perylene-d12 Di-n-octyl phthalate Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene Benzo[g,h,i]perylene	1.000 1.111 0.808 1.122 0.799 0.839 0.707 0.762	1.000 1.152 1.006 1.108 0.927 0.993 0.779 0.847	0.0 -3.7 -24.5 1.2 -16.0 -18.4 -10.2 -11.2	67 69 76 63 76 80 76 75	-0.03 -0.04 -0.04 -0.03 -0.03 -0.03

^{(#) =} Out of Range B3880.D BW0607.M

SPCC's out = 0 CCC's out = 0 Wed Apr 11 11:08:30 2007 MSD_B

91000

auo

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any MDL Req. Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS) ambiguities have been resolved.

Signature/Company		Date	Time	Signature/Company	Comments
Relinquished by: Maple Coldy	Pean	12/29/60	7	1940 Received by: Agranged	Meta
Relinquished by:	MIN	141916	620	Received by:	
Relinquished by:	1	10011		Received by:	La
Relinquished by:			,	Received by:	77
Reinquished by:				Received by:	<u>`</u>

146-tiltered 8 15 to

Lab Case #	· ()
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PAGE:

05/2006

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: E07 - 3389		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	<u>Yes</u> ✓
2.			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		na
	b. System Performance Check Compounds		na
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	<u> </u>	
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		
	If not met, were the calculations checked and the results qualified as "estimated"?	-	na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na
9.	Internal Standard Area/Retention Time Shift meet criteria		√
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		✓
12.	Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other		
3.	Comments:		
-			
-	Organics Manager Date		

100 A1/A7

8664

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

	Lab Case Number: E07 - 03389		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks)	<u>No</u>	Yes
2.	GC/MS Tuning Specifications: a. DFTPP Passed		✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds		
6.	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction If not met, were the calculations checked and the results qualified as "estimated"?		√
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		✓
9.	Internal Standard Area/Retention Time Shift meet criteria	**************************************	✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		✓
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:	 .	✓
12.	Sample Dilution Performed High Target High Nontarget Compounds Compounds Matrix Interference Other		
13.	Comments: 4-12-07		

Date

Organics Manager

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Number:

E07 - 03389

1	. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	No	Yes V
2			
3	Calibration - Initial calibration performed within 30 days prior to sample analysis and continuing calibration performed within 24 hrs of the sample analysis.		
4		\/	
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
7.	Retention Time Shift Meet Criteria (if applicable).		J
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		<u> </u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		<u>J</u> ,
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
_	Comments		:
-	A>		
-	Organic Manager		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY METAL ANALYSIS

Lab Case Number: E07-03389

		<u>No</u>	<u>Yes</u>
1.	Calibration Summary Meet Criteria.		
2.	ICP Interference Check Sample Results Meets Criteria (if applicable)		
3.	Serial Dilution/Post Spike Summary Submitted (if applicable) / Meets Criteria		-
4.	Internal Standards Meet Criteria (if applicable)		<u> </u>
5.	Laboratory Control Sample Summary Submitted (if applicable) / Meets Criteria		
6.	Blank Contamination: If yes, list compounds and concentrations in each blank:		
7.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If not, list those		✓
	compounds and their recoveries which fall outside the acceptable range).		
8.	Extraction Holding Time Met. If not, list number of days exceeded for each		✓
	sample:		
9.	Analysis Holding Time Met. If not, list number of days exceeded for each		
	sample:		
	Additional Comments: Sample(s) used for aqueous metals analyses contained varying levels of sediment. Precautions were taken to use an aqueous representative of the sample. However, of experience has demonstrated that samples of this nature are very difficult to duplicate because the metals numbers are basically tied into the level of sediment present in the original sample. Additionally, as the remainder of the sample is stored under acidic conditions, some of the metals may continue to leach out into the water making any reproduction of the original number impossible. The rough amount of sediment present the samples is as follows:	e ne	
	03389-002: 0.5%, 03389-006: Trace		
	7/9=118		
	H. Falek payennes April 12,	2007	
	Inorganic Manager Date		_

CISIONIR	RFPORTINGINEO	Turnaround Time (starts the following day if samples rec'd at lab > 5PM)	at lab > SPM)		
Company: C.R.S. Corporation	REPORT TO:	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT	ample arrival. RUSH TAT	IS NOT	
Address: 201 W. 110 Cock Bly Address:	Address: Mike Akerbergo	GOARANIEED WITHOUT LAB AFFROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE**	H SUKCHAKGES WILL	NPPLY IF ABLE T	0
4444 CV 2474		Conditional TPHC Results needed by:	Rash TAT Charge ** Report Format	mat DISKETTE	E
Talephone # 1 978 - 785 - 070	Atta:	24 hr* 46 hr 72 hr NA	Results Only	lly SRP. dbf format	Ħ
Fast 973-785-0023	FAX#	Verbal/Fax (2 wk/Std)	24 hr - 100% Reduced 48 hr - 75%	SRP.wki format	ŧ
Project Manager: Mike Pile the rop	INVOICE TO:	24 hr* 48 hr* 72 hr* 1 wk*	72 hr · 50 % Regulatory 96 hr · 35 %	y lab approved custom	tom
Sampler: KH, TT, BB, TM	Address: N.C. AKrbro	Hard Copy 3 wk/Std	5 day - 25 % Other (describe)		
Project Name: YPE US OR N		2 wk* call for price	CALH	NO DISK/CD REQ'D	σ,ο:
Project Location (State): Months Journal, NY		ANALYTICAL PARAMETERS &		-	
Bottle Order #:	Atta:	<i>उ</i>	* 	Cooler Temp °C	
Quote #:	PO#	P9			Г
	Sample Marrix		1 de 7	# BUILLES &	
	DW - Drinking Water AQ - Aqueous WW - Waste Water	7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	De de la	PRESERVATIVES	
SAMPLE INFORMATION	OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe	7055		•	а
Client ID Depth	Sampling # IAL #		HIO3 NªOH HCI HCI	None Other MeOH	Encor
HIMM-BD	4667 1120 AQ 31		G		
HTCI-MUTH	4967 1435 AG 9 2	X X X X X X	~ X ×	\ <u>\</u>	
HEMW-105	62.61	X X X X X) J.	
H 口M - 13工	49/201201 1908 3 4	× ×	N		
1,8040903	+	×			
Known Hazard: Yes or (No) Describe:		Conc. Expected: Low (Med High			
Please print legibly and fill out completely. Sam	Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any	ne will not start untillany MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)	/05 GWQS - SCC - ОТНЕ	R (SEE COMMEN	TS)
imoiguites nave been resoivea.					

۳		Signature/Company	Date	Time	Signature/Company	Š
	Relinquished by:	Eng. Sales	44/2 505 Received by: /	1505	Received by: Jagger Jan &	
	Relinquished by:	fit Many b	196/6	19/01/1645 Receive	Receivable	!
	Relinquished by:	, A			Received by:	
	Relinquished by:				Received by:	L`
6	Relinquished by:				Received by:	<u> </u>
115	LAB COPIES - WHITE (U)	HITE & YELLOW; CLIENT COPY - PINK]

mments:

Lab Case #	3416
	20

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

		Lab Case Number: E07 - O3416		
1	. C hromatog	grams Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	Yes
2	. GC/MS Tu a. DFTPP	ning Specifications:		<u> </u>
3	GC/MS Tur 12 hours fo	ining Frequency - Performed every 24 hours for 600 series, or 8000 series.		
4.	unidiyala ali	hibration - Initial calibration performed within 30 days before sample dontinuing calibration performed within 24 hours before sample 600 series.		
5.	a. Calibrati	libration Requirements: ion Check Compounds Performance Check Compounds		/-
6.	Blank Conta a. B/N Frac b. Acid Fra		✓	
7.	a. B/N Frac b. Acid Frac			
8.	Matrix Spike	Matrix Spike Duplicate meet criteria (if not, list those compounds coveries/% differences which fall outside the acceptable range)		na ✓
		ndard Area/Retention Time Shift meet criteria		√
10.	Extraction H If not met, lis	tolding Time Met st number of days exceeded for each sample:		√
11.	Analysis Hold If not met, lis	ding Time Met t number of days exceeded for each sample:		√
	Sample Dilut High Target Campounds Comments:	tion Performed High Nontarget Compounds Matrix Interlerence Other	<u>√</u> _	
-				

Date

Organics Manager

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Number:

E07 - 03416

	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blank	No Yes
	2. Standards Summary submitted.	(S)V
•	 Calibration - Initial calibration performed within 30 days prior to sample analysis and continuing calibration performed within 24 hrs of the sample analysis 	
4	4. Blank Contamination - If yes, list compounds and concentrations in each blank:	. ,
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	
5	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:	
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)	
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	
7.	Retention Time Shift Meet Criteria (if applicable).	
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:	
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	·····
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:	<u></u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	
	Comments:	<u> </u>
-		
-	04-16-2007	
rea	Organic Manager Date	

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY METAL ANALYSIS

Lab Case Number: E07-03416

	<u>No</u>	<u>Yes</u>
Calibration Summary Meet Criteria.		
ICP Interference Check Sample Results Meets Criteria (if applicable)		✓
Serial Dilution/Post Spike Summary Submitted (if applicable) / Meets Co	riteria	✓
Internal Standards Meet Criteria (if applicable)		✓
Laboratory Control Sample Summary Submitted (if applicable) / Meets	Criteria	✓
Blank Contamination: If yes, list compounds and concentrations in each	n blank: ✓	
Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If not, lis	t those	✓
compounds and their recoveries which fall outside the acceptable range		
Extraction Holding Time Met. If not, list number of days exceeded for easample:		·
Analysis Holding Time Met. If not, list number of days exceeded for eac sample:	h	
Additional Comments:		
	•	
7/9-118		
H. Falek Jersennes	April 12, 2007	
Inorganic Mahager	Date	

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	₽, Z
!	Rando

WINCOLO	KLTOKITAG IALO	TOTALISTOURA AMBE (STRITS)	I UTHATOURIG A HIRE (Starts the following day if samples rec'd at lab > 5PM)	at lab > 5PM)		
Company: URS Comonanon	REPORT TO:	Lab notification is requir	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT	ample arrival. F	USH TAT IS N	OT
Address 201 (2) (bushasok R) Address	Address: Mile Holder	ACCOMMODATE**	OI LAB ALI NOTAL. NOS	n SUKUNAKU	ES WILL AFF	LY IF ABLE TO
WAYNE, WIOFYFY		Conditional TPHC	Results needed by:	Rush TAT Charge **	Report Format	DISKETTE
Telephone #: VQ78-785-0 750	Atta:	24 hr* 48 hr 72 hr	NA		Results Only	SRP. dbf format
14.1. 978-785-0023	FAX#	Verbal/Fax 2 wk/Std	(B)	24 hr - 100 %	Reduced	SRP.wkl format
Project Manager: Mile Albor	INVOICE TO: ,	24 hr* 48 hr* 72 hr*	\ <u>i</u>	72 hr - 50%	Regulatory	lab approved custom
Sampler: 28, 74.	Address:	Hard Copy 3 wk/Std	(B)	5 day - 25%	Other (describe)	EDD
Project Name: Kaugopo		2 wk* call for price			SH H	NO DISK/CD REQ'D
Project Location (State)! Men Stock			ANALYTICAL PARAMETERS			
Bottle Order #:	Attn: Mile Market	100 572		100	Cooler Temp	J. J.du
Quote#:	FO#	ba D b	on on	11.0 5.10 5.00	, a	
	Sample Matrix	ad vlo	thin S	no.	DA# PPFCE	# BOITLES &
	DW - Drinking Water AQ - Aqueous WW - Waste Water	Jou Sell	かり	44 14 14 14 14 14 14 14 14 14 14 14 14 1	T WEST	WALLVES
SAMPLE INFORMATION	OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Studge SOL - Solid W - Wipe	р/1° W t	atia Alm	lΑ		
Client ID Depth		173 174 174 164	tin	110 1101 1101	HIVO3	Sucore None MeOH
HIMW-ISD NA	07/10/07 (1020) AD 4-1	$ X \times X $			8	ļ
HI MW - 19I	~ 01 1305 1	スメメ	メイメン	X	7	و.
干 B041007 小	1 1 1 1 1 1 1 1	х х			7	7
Known Hazard: Yes of No Describe:		Conc. Expected:	Low Medy High			
Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)	ples cannot be processed and the turnaround tin	me will not start until any	MDL Req: Old GWQS - 1	1/05 GWQS - S	CC - OTHER (S	EE COMMENTS)

ambiguities have been resolved.

A Date Time Signifiare/Company	When fellower y 1969 1425 received by Mach following	Fan Mary D 4/16/17/16/5 Recorded /	Received by:	Received by:	Received by:
Signature/Company	Relinquished by: Highla A.	Relinquished by: Fany	Relinquished by:	Relinquished by:	Relinquished by:

comments: Metals must be lab-filtered

Lab Case #	0,440
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PAGE:

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: E07 - 3 440		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	Yes ✓
2.			
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		na
	b. System Performance Check Compounds		na
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		
7,	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)	- ————	✓
	If not met, were the calculations checked and the results qualified as "estimated"?	- .	no
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na na
9.	Internal Standard According to	-	
	Internal Standard Area/Retention Time Shift meet criteria Extraction Holding Time Met		✓
10.	If not met, list number of days exceeded for each sample:		<u>na</u>
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		√
12. 	Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other		
13.	Comments:		
•			
	A LISTON		
	Organics Manager Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

	Lab Case Number: <u>E</u> (07 -	०४५५१			
1	Chromata				<u>No</u>	Yes
	Chromatograms Labeled/Compounds IdeGC/MS Tuning Specifications:	ntified	(Field Samples an	d Method Blanks).		<u>√</u>
	a. DFTPP Passed					
3	 GC/MS Tuning Frequency - Performed ev 12 hours for 8000 series. 	ery 24	hours for 600 seri	es,		
. 4	 GC/MS Calibration - Initial calibration performanalysis and continuing calibration performanalysis for 600 series. 	ormed ned w	l within 30 days bei ithin 24 hours befo	fore sample re sample	-	
5	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compound	ds				√
6.	Blank Contamination - If yes, list compoun a. B/N Fraction b. Acid Fraction	ids and	d concentrations in	each blank:		
7.	Surrogate Recoveries Meet Criteria (If not recoveries which fall outside the acceptable a. B/N Fraction b. Acid Fraction	le rang	je) 			
8.	If not met, were the calculations checked a Matrix Spike/Matrix Spike Duplicate meet of and their recoveries/% differences which f a. B/N Fraction b. Acid Fraction	criteria	(if not, list those ca	ompounds		na ✓
9.	Internal Standard Area/Retention Time Shi	ft mee	et criteria			✓
	Extraction Holding Time Met If not met, list number of days exceeded for			,		
11.	Analysis Holding Time Met If not met, list number of days exceeded for	each	sample:			
10			i		_	
	Sample Dilution Performed High Taget High Nontarget Compounds Compounds Comments:		Matrix Interference	Other		
					-	·
	A-D		(1			
	Oganics Manager			Date	-	

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Number:

E07 - 03440

1	. Chroma	tograms Labeled/Compounds Identified (Field Samples and Method Blanks).	No	Yes
2		ds Summary submitted.		
3	Calibrat	on - Initial calibration performed within 30 days prior to sample and continuing calibration performed within 24 hrs of the sample analysis.		
4		ontamination - If yes, list compounds and concentrations in each blank:	J	
5.	A. Hydro B. Gas S C. Metal Surroga	e Recoveries meet criteria (if applicable)		J
	A. Hydro B. Gas S	t, list those compounds and their recoveries which fall outside the le range: carbons: creens: colic Acids:		
6.	Matrix Sp and their acceptab	ike/Matrix Spike Duplicate meet criteria (if not, list those compounds recoveries/% differences which fall outside the acceptable range) le range:		<u>J</u>
	A. Hydro B. Gas S C. Metab			
7.	Retention	Time Shift Meet Criteria (if applicable).		J
8.	Extraction	Holding Time Met. list number of days exceeded for each sample:		<u>J</u>
	A. Hydrod B. Gas So C. Metabo	reens:		
9.	Analysis H	lolding Time Met. list number of days exceeded for each sample:		<u>J</u>
	A. Hydroc B. Gas Sc C. Metabo	reens:		
-	Comments			
-				
-		rganic Manager 04-16-2007		
re	v 01/07	Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY METAL ANALYSIS

Lab Case Number: E07-03440

	No
Calibration Summary Meet Criteria.	
ICP Interference Check Sample Results Meets Criteria (if applicable)	
Serial Dilution/Post Spike Summary Submitted (if applicable) / Meets Criteria	
Internal Standards Meet Criteria (if applicable)	
Laboratory Control Sample Summary Submitted (if applicable) / Meets Criteria	
Blank Contamination: If yes, list compounds and concentrations in each blank:	
Matrix Child (Matrix Childs Dunlingto Decoupring MacA Childrin (16 not lint those	
Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If not, list those	
compounds and their recoveries which fall outside the acceptable range).	
Extraction Holding Time Met. If not, list number of days exceeded for each sample:	
Analysis Holding Time Met. If not, list number of days exceeded for each sample:	
Additional Comments: Sample(s) used for aqueous metals analyses contained varying levels of sedime	ent.
Precautions were taken to use an aqueous representative of the sample. However experience has demonstrated that samples of this nature are very difficult to dur	er, our
because the metals numbers are basically tied into the level of sediment present original sample. Additionally, as the remainder of the sample is stored under acid	t in the
conditions, some of the metals may continue to leach out into the water making reproduction of the original number impossible. The rough amount of sediment the samples is as follows:	-
03440-002: Trace	

03440-002. Hace

H. Fack payennes

Inorganic Manager

April 17, 2007 Date

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

Lab File ID:

B4251.D

DFTPP Injection Date:

04/13/2007

Inst ID:

MSDB

DFTPP Injection Time:

n Time: <u>09:59</u>

m/z	Ion Abudance Criteria	%Relative Abundance				
51	30.0 - 60.0% of mass 198	38.1				
68	Less than 2.0% of mass 69	0.5	(1.3)1	
69	Mass 69 relative abundance	39.9				
70	Less than 2.0% of mass 69	0.3	(0.7)1	
127	40.0 - 60.0% of mass 198	52.2				
197	Less than 1.0% of mass 198	0.0				
198	Base peak, 100% relative abundance	100.0				
199	5.0 - 9.0% of mass 198	7.2				
275	10.0 - 30.0% of mass 198	25.0				
365	Greater than 1.0% of mass 198	3.4				
441	Present, but less than mass 443	11.53	(77.5)3	
442	40.0 - 100.0% of mass 198	75.5				
443	17.0 - 23.0% of mass 442	14.9	(19.7)2	
1-Value is % mass 69	2-Value is % mass 442 3-Value is 6	% mass 443				

This check applies to the following SAMPLES, MS, MSD, BLANKS and STANDARDS:

Client ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed	
ABN043.07	20ngBNA FOR		04/13/2007	10:15	—
ABN056.07	20ngOLM04_FO	•	04/13/2007	10:46	
	Method_Blank	B4272.D	04/13/2007	15:10	
	MS	B4273.D	04/13/2007	15:26	
	MSD	B4274.D	04/13/2007	15:41	
FO-TWP1	03468-001	B4275.D	04/13/2007	15:58	
MW-1/3.45	03486-001	B4276.D	04/13/2007	16:14	
MW-2/2.25	03486-002	B4277.D	04/13/2007	16:30	
MW-3/1.50	03486-003	B4278.D	04/13/2007	16:46	
MW-4/2.65	03486-004	B4279.D	04/13/2007	17:02	
MW-5/2.06	03486-005	B4280.D	04/13/2007	17:19	
MW-7/7.45	03486-007	B4281.D	04/13/2007	17:35	
MW-8/1.45	03486-008	B4282.D	04/13/2007	17:51	
MW-9/1.38	03486-009	B4283.D	04/13/2007	18:07	
INFLUENT	03481-001	B4284.D	04/13/2007	18:23	
KO1	03481-002	B4285.D	04/13/2007	18:39	
KO2	03481-003	B4286.D	04/13/2007	18:55	
HIMW-13D	03440-001	B4287.D	04/13/2007	19:12	
HIMW-14I	03440-002	B4288.D	04/13/2007	19:28	
POTABLE WELL	03511-001	B4289.D	04/13/2007	19:44	
FIELD BLANK	03511-002	B4290.D	04/13/2007	20:00	
M-IGW/5	03501-004	B4291.D	04/13/2007	20:16	
SUMP	03540-001	B4292.D	04/13/2007	20:32	

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\04-13-07\B4252.D Acq On : 13 Apr 2007 10:15 Vial: 97

Operator:

: ABN043.07,20ngBNA FOR 04/13/07 Sample Inst : MSD B Misc : ,1 Multiplr: $1.0\overline{0}$

MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\BW0607.M (RTE Integrator)

: BNA CALIBRATION METHOD Title Last Update : Mon Apr 02 13:59:16 2007 Response via : Multiple Level Calibration

5 ·						
	Compound	AvgRF	CCRF	%Dev A	rea%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	-0.02
2 T	N-Nitrosodimethylamine	0.732	0.762	-4.1	88	-0.02
3 T	Pyridine	0.925	0.914	1.2	81	-0.02
. 4 S	2-Fluorophenol	1.320	1.511	-14.5		-0.02
5 T	Benzaldehyde	0.903	0.840	7.0	94	-0.02
6 S	Phenol-d5	1.699	1.779	-4.7	83	-0.02
7 MC	Phenol	1.793		-11.6	104	-0.02
8 T	Aniline		2.001			
		0.761	0.776	-2.0	87	-0.02
8E 1	Bis(2-chloroethyl) ether	0.961	0.984	-2.4	86	-0.02
10 M	2-Chlorophenol	1.349	1.433	-6.2	94	-0.02
11 T	1,3-Dichlorobenzene	1.485	1.583	-6.6		-0.02
12 MC	1,4-Dichlorobenzene	1.500	1.444	3.7	84	-0.02
-13 T	Benzyl alcohol	0.793	0.831	-4.8	89	-0.02
14 T	1,2-Dichlorobenzene	1.434	1.378	3.9	84	-0.02
15 T	2-Methylphenol	1.237	1.189	3.9	82	-0.02
16 T	Bis(2-chloroisopropyl) ethe	1.732	1.893	-9.3	94	-0.02
17 T	4-Methylphenol	1.280	1.335	-4.3	96	-0.02
18 MP	N-Nitrosodi-n-propylamine	0.956	1.010	-5.6		-0.02
19 T	Acetophenone	1.710	1.774	-3.7	93	-0.02
20 T	2-Aminotoluene +4-Aminotolu		1.294	4.4	85	-0.02
21 T	Hexachloroethane	0.529		-3.6	93	-0.02
22 T	2,6-Dimethylphenol	1.142	1.151	-0.8	103	-0.02
	2,0 Dimethylphenor	1.142	1.151	-0.8	105	-0.02
23 I	Naphthalene-d8	1.000	1.000	0.0	86	-0.02
24 S	Nitrobenzene-d5	0.370	0.346	6.5	90	-0.02
25 T	Nitrobenzene	0.349	0.388	-11.2	96	-0.02
26 T	Isophorone	0.608	0.680	-11.8	92	-0.02
27 TC				-11.0	94	-0.02
	2-Nitrophenol	0.190	0.213			
: ` (2,4+2,5-Dimethylphenol	0.356	0.349	2.0	80	-0.02
29 T	Bis(2-chloroethoxy) methane	0.384	0.436	-13.5	96	-0.02
30 T	Benzoic acid	0.165	0.174	-5.5	90	-0.03
31 T	2,4-Dimethylaniline	0.184	0.188	-2.2	83	-0.02
32 TC	2,4-Dichlorophenol	0.306	0.313	-2.3	85	-0.02
33 M	1,2,4-Trichlorobenzene	0.315	0.329	-4.4	88	-0.02
34 T	Naphthalene	1.040	1.113	-7.0	88	-0.02
35 T	4-Chloroaniline	0.551	0.596	-8.2	89	-0.02
36 T	4-Aminoaniline	0.391	0.350	10.5	92	-0.02
37 TC	Hexachlorobutadiene	0.188	0.185	1.6	83	-0.02
38 T	Caprolactam	0.135	0.145	-7.4	85	-0.03
39 T	2-Aminoaniline	0.385	0.352	8.6	85	-0.03
40 MC	4-Chloro-3-methylphenol	0.303	0.338	-11.9	92	-0.02
41 T	2-Methylnaphthalene		0.710	-1.9	87	-0.02
42 T		0.697				-0.02
. 12 I	3,5-Dimethylphenol	0.352	0.324	8.0	93	-0.02
43 I	Acenaphthene-d10	1.000	1.000	0.0	86	-0.02
44 TP	Hexachlorocyclopentadiene	0.292	0.269	7.9	79	-0.02
45 TC				-9.3	93	-0.02
*3 IC	2,4,6-Trichlorophenol	0.335	0.366	-9.3	23	-0.02
A						CA

46 T 47 STTTTTCP 51 TTTTTTCP 52 TTTTTCP 56 MP 57 MP 58 TTTTTC 64 T 65 TTTTTTT 76 TTTT 77 TTTC 78 TTTTC 80 TTTTC	2.4.5-Trichlorophenol 2-Fluorobiphenyl Biphenyl 2-Chloronaphthalene 2-Nitroaniline Dimethyl phthalate 2,6-Dinitrotoluene Acenaphthylene 3-Nitroaniline Acenaphthene 2,4-Dinitrophenol 4-Nitrophenol 2,4-Dinitrotoluene Dibenzofuran Diethyl phthalate Fluorene 4-Chlorophenyl phenyl ether 4-Nitroaniline 1,2,4,5-Tetrachlorobenzene Hydroquinone Phenanthrene-d10 4,6-Dinitro-2-methylphenol N-Nitrosodiphenylamine 1,2-Diphenylhydrazine 2,4,6-Tribromophenol 4-Bromophenyl phenyl ether Hexachlorobenzene Atrazine Pentachlorophenol Phenanthrene Anthracene Carbazole Di-n-butyl phthalate Fluoranthene	0.368 1.284 1.360 1.059 0.289 1.235 0.257 1.734 0.292 1.093 0.204 0.227 0.322 1.598 1.218 0.629 0.330 0.286 0.741 1.000 0.102 0.482 0.720 0.177 0.209 0.241 0.175 0.131 0.949 0.982 0.963	0.397 1.241 1.416 1.062 0.327 1.262 0.271 1.757 0.306 1.135 0.226 0.240 0.329 1.572 1.293 1.281 0.610 0.339 0.283 0.745 1.000 0.104 0.495 0.767 0.213 0.207 0.238 0.171 0.138 0.953 0.990 0.895 1.118 0.926	-7.9 3.3 -4.1 -0.3 -13.1 -2.2 -5.4 -1.8 -3.8 -10.8 -5.2 -6.5 -5.2 -1.0 -2.7 -6.5 -2.3 -2.7 -0.8 -3.3 -4.8 -3.8 -3.0 -2.7 -6.5 -2.3 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3	9998989889988842 998888998889 898888888888	-0.02 -0.02 -0.02 -0.02 -0.02 -0.03 -0.03 -0.02 -0.02 -0.03 -0.02 -0.03 -0.03 -0.02 -0.03 -0.03 -0.02 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03 -0.03
81	Benzidine 2-Picoline	0.503 0.304	0.328 0.251	34.8 17.4	75 87	-0.04 -0.02
82 I 83 M 84 S 85 T 86 T 87 T 88 T 89 T 90 T 91	Chrysene-d12 Pyrene Terphenyl-d14 3,3'-Dimethylbenzidine Butyl benzyl phthalate 3,3'-Dichlorobenzidine Benzo[a] anthracene Chrysene Bis(2-ethylhexyl) phthalate 3-Picoline	1.000 1.139 0.888 0.528 0.470 0.317 0.900 0.976 0.637 0.435	1.000 1.188 0.836 0.426 0.516 0.316 0.925 0.997 0.680 0.445	0.0 -4.3 5.9 19.3 -9.8 0.3 -2.8 -2.2 -6.8 -2.3	80 82 83 77 88 78 81 80 85 98	-0.06 -0.04 -0.06 -0.06 -0.06 -0.06 -0.06 -0.05
92 I 93 TC 94 T 95 T 96 TC 97 T 98 T 99 T	Perylene-d12 Di-n-octyl phthalate Benzo[b] fluoranthene Benzo[k] fluoranthene Benzo[a] pyrene Indemo[1,2,3-cd] pyrene Dibenz[a,h] anthracene Benzo[g,h,i] perylene	1.000 1.111 0.808 1.122 0.799 0.839 0.707 0.762	1.000 1.315 0.991 1.062 0.865 0.881 0.638 0.713	0.0 -18.4 -22.6 5.3 -8.3 -5.0 9.8 6.4	79 93 89 71 84 85 73 75	-0.04 -0.05 -0.05 -0.05 -0.06 -0.05 -0.06

^{(#) =} Out of Range SPCC's out = 0 CCC's out = 0 B3880.D BW0607.M Fri Apr 13 10:37:59 2007 MSD_B

CUSTOMER	REPORTING INFO	Turnaround Time (starts the following day if samples rec'd at lab > 5PM)	ab > 5PM)	
	PREDICTION M. L. AVOINOUTE	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT	le arrival. RUSH TAT IS NOT	
Company: (」なつ (で) (A)	METON TO: NITH TIMES TO	GUARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO	URCHARGES WILL APPLY IF ABL	E TO
Address: 201 / 11/00/000/2/1	Address:	ACCOMMODATE**	EM	EMAIL
WENTE NS OF474	michael atenbergs @	Conditional TPHC Results needed by: Rus	Rush TAT Charge ** Report Format DISKEFFIE	
Telephone #: 47-74 - 755 - 670 ;	Attn: WS COP, COM	24 hr* 48 hr 72 hr NA	Results Only SRP. dbf format	format
Fax#: 979-755-0023	FAX#	VerbalFax EMAIC 3 wk/Std	24 hr - 100% Reduced SRP.wk1 format 48 hr - 75%	format
Project Manager: M (a A C. Duco	INVOICE TO: Mike Akerberas	24 hr* 48 hr* 72 hr* 1 wk* 99	(Regulatory) lab appr	ed custom
Sample: KH, PL. 38-77	Address:	Hard Copy 3 wk/Std 5	5 day - 25% Other (describe) EDD 6-9 day 10%	e
Project Name: Vr. SCAR 19 LOVE A.		2 wk* call for price	(AI + M NO DISK/CD REQ'D	D REQ'D
Project Location (State):		ANALYTICAL PARAMETERS	Cooler Temp C	
Bottle Order #:	Attn:	pe	- Andrews	and the second
Quote #:	PO#	St mit	# BOTTLES &	بده
	Sample Matrix	3 M	PRESERVATIVES	ES
	DW - Drinking Water AQ - Aqueous WW - Waste Water	\ \ \ \	-	_
SAMPLE INFORMATION	OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOI - Solid W - Wipe	}	P)	
Client ID Depth	Sampling # IAL* Date Time Inc	_	Огре Н720 Н720 НИО ИФО НСІ	None
HI MW - GD NA	04/11/07 1243 AQ 4 1		7	7
	1120 4 2	×	7	7
78041107		×	7	
20070411-F[1-1	1435 4 4	× ×	7	7
HIMM - 70	1930 4)-	××	2	2
HTMIN- GT	7 4 6		7	7
Known Hazard: Yes of No Describe:		Conc. Expected: Low (Med) High		
Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any	ples cannot be processed and the turnaround ti		MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)	MENTS)
ambiguities have been resolved.			111 7.1. 0.11.7	

	Signature/Company	unpany	~		Date	Time		Signature/Company	Į
Relinquished by:	mode	5	Somo		1 Kg/11/21 Kg	663	1560 Received by:	Para Magal	
Relinquished by:	1	1	King Many	\	4/11/07	197	7 Con Received by:	Sec Je	
Relinquished by:			A				Received by:		
Relinquished by:				>:			Received by:		
Relinquished by:							Received by:		

to Kitter Notals HI. Comments: 140

2		
<u>)</u>	Lab Case #	7
THE COLUMN	Lab (16

PAGE:

Sample Summary

IAL Case No.

E07-03541

Client URS Corporation - Wayne

Project KEYSPAN - HEMPSTEAD

Received On 4/11/2007@17:00

					<u># of</u>
<u>Lab_ID</u>	Client Sample ID	Depth Top/Bottom	Sampling Time	<u>Matrix</u>	Container
03541-001	HIMW-6D	n/a	4/11/2007@12:43	Aqueous	4
03541-002	HIMW-7I	n/a	4/11/2007@11:20	Aqueous	4
03541-003	TB041107	n/a	4/11/2007	Aqueous	2
03541-004	20070411-FD-1	n/a	4/11/2007@14:35	Aqueous	4
03541-005	HIMW-7D	n/a	4/11/2007@14:3 0	Aqueous	4 :
03541-006	HIMW-6I	n/a	4/11/2007@14:55	Aqueous	4

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: E07 - 3541	
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	Yes Yes
2.	GC/MS Tuning Specifications: a. BFB Passed	
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.	
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series	
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds	na
	b. System Performance Check Compounds	<u>na</u>
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	na
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)	· ✓
	If not met, were the calculations checked and the results qualified as "estimated"?	p.o.
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)	na na
9.	Internal Standard Area/Retention Time Shift meet criteria	✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:	na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample: ———————————————————————————————————	
10	Console Dill i' D. C.	
12.	Sample Dilution Performed High Target High Nontarget Compounds Compounds Matrix Interference Other	
13.	Comments:	
-		
	4/8/07	
	Organics Manager Date	

rev 01/07

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

	Lab Case Number: E07 - 03541		
		<u>No</u>	Yes
	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		
2.	GC/MS Tuning Specifications: a. DFTPP Passed		
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.	 	
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds		
6.	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction If not met, were the calculations checked and the results qualified as "estimated"?		
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		na
9.	Internal Standard Area/Retention Time Shift meet criteria	-	✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		
	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		√
		- - <u>,</u>	
12.	Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other	_	
13. -	Comments:		
-	Organics Manager Date	•	

INTEGRATED ANALYTICAL LABORATOR

CHAIN OF CUSTODY

Randolph, NJ 07869

	Odni Onibavada	Turnaround Time (starts the following day if samples rec'd at lab > 5PM)	at lab $> 5PM$			_
CUSTOMER	KEFOKIINGINFO	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT	mple arrival. RU	SH TAT IS NO	T	
Company: UBS Corp.	REPORT TO: LE NO CHO CLOS	GUARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO	H SURCHARGE	WILL APPL	Y IF ABLE TO	_
Address: 20 Willawback Blad	Address:	***	L			
大圧力で、ジャー	With a Kitherandon Can	Conditional TPHC Results needed by:	Rush TAT Charge **	Report Format	DISKETTE	_
Tolumbrane #.	Attn:	24 hr* 48 hr 72 hr NA		Results Only	SRP. dbf format	
		Verbal/Fax EHA\(\(\)\(\)\(\)\(\)\\\\	24 nr - 100 % 48 hr - 75 %	Reduced	SRP.wk1 format	
Fax#: 7+5- 465-00-23		/ 2	72 hr - 50%	Regulatony	lab approved custom	
Project Manager: Mike Ale CDECCO	INVOICE TO:	() !		Other (describe)	EDD	
Sampler: XH, AL, BB, TT	Address: SAKE AS	Hard Copy 3 WK/Std	6-9 day 10%	CATA	NO DISK/CD REO'D	_
Project Name: Mo(ACDAN-He LOS CON	BOUL	2 wk* call for price			20000	_
Project Location (State)		ANALYTICAL PARAMETERS	_	Cooler Temp.	ته کړ م	_
	Attn:				Action of the second of the se	
Quote # :	PO#			# 80	# BOTTLES &	
	Sample Matrix			PRESE	PRESERVATIVES	-
	DW - Drinking Water AQ - Aqueous WW - Waste Water			-	-	
CAMPIE INFORMATION	(Specify) OT - Othe	10	-	1	F	_
SAMI LE INI OMBATION	Solid W - Wipe	- - - -		72O MO3 WOH	ther cone	_
Client ID Depth	Date Time Matrix container IAL#			H	N 50	_
	1 4 C # 4 2 4 1	×		×	E	_
	\vdash	> >		<u>ন</u>	<u>ে</u>	
HIMMS. S.D NA	200			a	G	_
HTMW-13S NA	4/12/07 140 HO 7 1			\$ 6	C	_
42 SCATILITY	4/269 1430 AO 4 4	×		20	d	_
٠	5 6			7		-
10011204	3					_
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						_
						_
Vnoum Hazard: Ves on No. Describe:		Conc. Expected: Low Med High				
Michigan Its of the State of th	The state of the s	ine will not start until any MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)	11/05 GWQS - SC	C - OTHER (SEE COMMENTS	
Please print legibly and jut out completely. Sur	inpress curings of processes are					

Signature/Company	1445 Received by: A West of Brough	Sie I				
Sig	Received by:	Received by:	Received by:	Received by:	Received by:	
Time	5/1.	14107/620 Received by:				
Date	54c//2	4 120	And the			
Signature/Company	John Coll	Rue Mark	The land			AB COPIES - WHITE & YELLOW; CLIENT COPY - PINK
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Comments:

Lab Case #

Ref. No: G 020900900

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: <u>E07 - 3 5 7 ユ</u>		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	<u>Yes</u> ✓
2.	GC/MS Tuning Specifications: a. BFB Passed		✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		<u> </u>
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds	٨	na
	b. System Performance Check Compounds		na
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	na
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		
	If not met, were the calculations checked and the results qualified as "estimated"?	-	na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na
9.	Internal Standard Area/Retention Time Shift meet criteria	-	✓-
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:	-	
12.	Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other		
13.	Compounds Compounds Other Comments:].	
		- - -	
	Organics Manager Date	- -	

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

	Lab Case Number: E07 - 03572		
	the state of the s	<u>No</u>	Yes
1.			
2.	GC/MS Tuning Specifications: a. DFTPP Passed		· V
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds	1	√
6.	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		~
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		
	If not met, were the calculations checked and the results qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		
9.	Internal Standard Area/Retention Time Shift meet criteria		
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		
	in not met, list number of days exceeded for each sample.		
12	Sample Dilution Performed		
12.	High Target High Noglarget		
	Compounds Compounds Matrix Interference Other	1	
13.	Comments:		
	4-17-07		
	Organics Manager Date		

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CUSTOMER	REPORTING INFO	Turnaround Lime (starts the toplowing day in samples for the at the control of the TATIS NOT	at tab / James)	ON SI TAT HS	T(
Company: 1) Sec Company: 1)	REPORT TO: WIY, OX, CYPENSO	Lab notification is required for RUSH 1A1 prior to sample at 1742. ACCLA APPLY IF ABLE TO GUARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO	H SURCHARGE	S WILL APPL	Y IF ABLE TO
Address:	Address:	ACCOMMODATE**			
TOWN TOWN TOWN TOWN	G - 65 - 62 - 1	Conditional TPHC Results needed by:	Rush TAT Charge **	Report Format	DISKETTE
NEX 0002 182 XEV	Charle Hard	24 hr* 48 hr 72 hr NA		Results Only	SRP. dbf format
Telephone #: 478-785-0700	Attn:		24 hr - 100%	Reduced	SRP.wk1 format
Fax# 973. 785-0623	FAX#	Verbal/Fax 2 wk/Std	48 hr - 75%	()	
Project Manager: Whe Hive Che Ago	INVOICE TO: MILE ALECTOR	24 hr* 48 hr* 72 hr* 1 mt*		Kegulatory	lab approved custom EDD
Sampler: LTT RA. AL	Address:	Hard Copy (3 wk/Std)		Other (describe)	
Project Name: U.S. C.		2 wk* call for price		144	NO DISK/CD REQ'D
Project Location (State)		ANALYTICAL PARAMETERS		Cooler Temp	°C - M
	Attn:		te.	enggisteranggapawarasan	in the contract of the contrac
Quote#:	PO#	Hr.	otio Ago	# 80	# BOTTLES &
	Sample Matrix		7	PRESE	<u>PRESERVATIVES</u>
	DW - Drinking Water AQ - Aqueous WW - Waste Water	THE THE PERIOD TO	10 10 20 20		· —
SAMPLE INFORMATION	OI - Oil LIQ - Liquid (specify) OI - Outer (specify) S - Soil SIL - Sludge SOL - Soil W - Wipe	12 12 12 12 12 12 12 12 12 12 12 12 12 1	101 2011 2011 1011	HO3	eOH her her her
Client ID Depth	Sampling # 1AL# Date Time Matrix container IAL#			IH	рм (00 W
4.00	1 /2 AD 000 Elelu	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		3	8
	711000	 		<u> </u>	R
HIMM-40-MX	3 5	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		<i>α</i>	(a)
HT-MC-10-45D	4//3/2000 H.CO /			10	T
HIN-05H	1 5 0 H Soot 6 Palk		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	7	
JA-22-4-1	0			7	
	4/12/A1315 Ha 10 6	XXXXX	\ \ \	<u>_</u>	0
1800 A	4/8/2 HR 27	×			
Known Hazard: Yes or (No) Describe:		Low (Medy-High)			Comment of the contract
Place print legibly and fill out completely. San	places wint leaithy and fill out completely. Samples cannot be processed and the turnaround time will not start until any	MDL Req: Old GWQS	11/05 GWQS - S(CC - OTHER (3	- 11/05 GWQS - SCC - OTHER (SEE COMMENTS)
ambiguities have been resolved.		Comments			

	Signature/Company	Date	Time	ic	Signature Company	
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Relinguished by:	₹ 🌶	10014	0691	13/07 1630 Received by:	The Sall	
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	Lab Case #	8011
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	PAGE:
Lab Case #	3638

Ref. Not G 020900900

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: <u>E07 - 3 ム 多 と</u>		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	<u>Yes</u>
2.			
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.	·	
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		
	b. System Performance Check Compounds		<u>na</u>
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	na
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		
	If not met, were the calculations checked and the results qualified as "estimated"?	-	
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na na
9.	Internal Standard Area/Retention Time Shift meet criteria	-	√
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		na
11.	Analysis Holding Time Met		
	If not met, list number of days exceeded for each sample:		
12	Comple Dilletin D. C.		
, z.	Sample Dilution Performed High Target High Nontarget Compounds Compounds Matrix Interference Other		
3.	Comments:		
-			
	4/8/07		
	Organics Manager Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

Lab Case Number:

E07 - 03638

1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	<u>Yes</u> ✓
	GC/MS Tuning Specifications: a. DFTPP Passed		✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds		
6.	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		
	If not met, were the calculations checked and the results qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction	·	/
9.	Internal Standard Area/Retention Time Shift meet criteria	-	✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		√
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:	- 	✓
[Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other		
პ. - -	Comments:		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Number:

E07 - 03638

	•	A.1	
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	Yes V
2.	Standards Summary submitted.		V
3.	Calibration - Initial calibration performed within 30 days prior to sample analysis and continuing calibration performed within 24 hrs of the sample analysis.		<u> </u>
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	\checkmark	
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:	i	<u> </u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
5.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
7.	Retention Time Shift Meet Criteria (if applicable).		J
) .	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		J
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		<u> </u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
	Comments:		
-			
_	04-16-2007		
	Organic Manager Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY METAL ANALYSIS

Lab Case Number: E07-03638

		<u>No</u>	Yes
1.	Calibration Summary Meet Criteria.		· <u> </u>
2.	ICP Interference Check Sample Results Meets Criteria (if applicable)		<u> </u>
3.	Serial Dilution/Post Spike Summary Submitted (if applicable) / Meets Criteria		<u> </u>
4.	Internal Standards Meet Criteria (if applicable)		✓
5.	Laboratory Control Sample Summary Submitted (if applicable) / Meets Criteria		✓
6.	Blank Contamination: If yes, list compounds and concentrations in each blank:		
		-	
7.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If not, list those	•	✓
	compounds and their recoveries which fall outside the acceptable range).		
8.	Extraction Holding Time Met. If not, list number of days exceeded for each		
	sample:		
		-	
9.	Analysis Holding Time Met. If not, list number of days exceeded for each		✓
	sample:		
		-	
	Additional Comments: Sample(s) used for aqueous metals analyses contained varying levels of sediment. Precautions were taken to use an aqueous representative of the sample. However, experience has demonstrated that samples of this nature are very difficult to duplicate because the metals numbers are basically tied into the level of sediment present in original sample. Additionally, as the remainder of the sample is stored under acidic conditions, some of the metals may continue to leach out into the water making any reproduction of the original number impossible. The rough amount of sediment present the samples is as follows:	ate the	

03638-005: 0.2%, 03638-006: 0.2%

M. Falck- payenner

Inorganic Manager

April 17, 2007 Date

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CUSTOMER	$REPORTING\ INFO$	Turn	around Tim	Turnaround Time (starts the following day if samples rec'd at lab > 5PM)	'd at lab > 5PM)		
DRATION	REPORT TO: MKE HEREFRES		otification i RANTEED	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT CITARANTEED WITHOUT LAB APPROVAL, RUSH SURCHARGES WILL APPLY IF ABLE TO	sample arrival. R ISH SURCHARG	USH TAT IS NO ES WILL APPL	OT Y IF ABLE TO
	Address:		ACCOMMODATE**	压**		M	EMA/L
Wayne MI OT474	Michael-arechore		Conditional TPHC	Results needed by:	Rush TAT Charge **	Report Format	DISKETTE
Telephone #: 973-785-0780	0	24 hr*	* 48 hr	72 hr NA		Results Only	SRP. dbf format
Fax# 973-785.0023	FAX#	Verb	Verbal/Fax	2 wk/Std	24 hr - 100% 48 hr - 75%	Reduced	SRP.wkl forma
	INVOICE TO:	24 hr*	* 48 hr*	72 Er 1 wk*	72 hr - 50% 96 hr - 35%	Regulatory	lab approved custom
Sampler: TT /IN HOS A	Address:	Hard	Hard Copy	3 wk/Std	5 day - 25% 6-9 day 10%	Other (describe)	EDD
Project Name: KE45991 HEMBTEAD		2 wk* c	2 wk* call for price			CM. A	NO DISK/CD REQ'D
Project Location (State): \mathcal{N}			-	ANALYTICAL PARAMETERS	-	Cooler Temp	o, T
Bottle Order #:	Attn:			ارم ر			
Quote #:	PO#			المار الم		# 80	# BOTTLES &
	Sample Matrix			· ·	_	PRESE	PRESERVATIVES
	DW - Drinking Water AQ - Aqueous WW - Waste Water	\ <i>2</i>	HI	»Ei			
SAMPLE INFORMATION	1	ن کر ا		11:10		ю	er OH
Client ID Depth	Sampling ## Date Time Container	IAL *		9		HING HCI	Ο¢Ρ Wee
HTMV02I	4-16-09 1110 AQ 4	<u> </u>	X			8	RI
HIMM-62D	4-16-07 1210 AB 4	×	X			6	18
45m; 1-17 E	^	×	χ			52	7
WIMMITTO	-	X	X			2	a
18-04/1007		X V				8	
47 M - 088	6 DA 2001 FO-FI4	J	×				B
HI MW - 628	4-17-07 1200 AQ 4	χ	×			B	8
HTWW-11S	4-17-07-1230 AQ 1	B		×			_
Known Hazard: Yes of No Describe:			Conc	(Low Med High			
Please print legibly and fill out completely. Samples cannot be processed and		the turnaround time will not start until any	not start u	MDL Req: Old GWQS	- 11/05 GWQS - S	CC - OTHER (S	- 11/05 GWQS - SCC - OTHER (SEE COMMENTS)
ambiguities have been resolved.	<u> </u>	in the second		Comments			

CAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

Relinquished by:

Relinquished by:

Relinquished by: Relinquished by:

Lab Case #

1445 Received by:

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Received by: Received by:

Received by:

05/2006

Ref. No. G. 020900900

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: E07 - 03)		
1	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	Yes
2	GC/MS Tuning Specifications: a. BFB Passed		
3	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		√ <u></u>
4.			
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		
	b. System Performance Check Compounds		<u>na</u>
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	na
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		
	If not met, were the calculations checked and the results qualified as "estimated"?	_	
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na na
9.	Internal Standard Area/Retention Time Shift meet criteria	<u>-</u>	
10.	Extraction Holding Time Met		
	If not met, list number of days exceeded for each sample:		na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		
[Sample Dilution Performed High Target High Nontarget Compounds Compounds Matrix Interference Other Comments:		
-	Organics Manager A 14 of		
	Date		

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INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

Lab Case Number: E0

E07 - 03728

1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	No	Yes
	GC/MS Tuning Specifications:		
	a. DFTPP Passed		
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.		√
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds	3	√
6.	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction		✓
	b. Acid Fraction If not met, were the calculations checked and the results qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		✓
9.	Internal Standard Area/Retention Time Shift meet criteria		./
	Extraction Holding Time Met		
,	If not met, list number of days exceeded for each sample:		
	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		√
12	Sample Dilution Performed		
12.	High Target High Nontarget		
_	Compounds Compounds Matrix Interference Other		
		7	
13.	Comments:	-	
	4/20/06	-	
	Olganics Manager Date		

INTEGRATED ANABETTICAL EMBORATIONES
CHAIN OF CUSTODY

Randolph, NJ 07869

CUSTOMER		REPORTING INFO	NG INFO		-	Turnaron	Turnaround Time (starts the following day if samples rec'd at lab > 5PM)	tarts the f	llowing d	lay if sam	ples rec'd	at lab >	· 5PM)					
Company: (LRS COMPORATION	REPORT T	REPORT TO: Mike AKEV	AKerb	Spyot		Lab notifi	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GITARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO	equired f	or RUSI LABA	I TAT P PPROV	rior to sa AL. RUS	ample ar H SURC	rival. R HARG	USH TATES ES WILL	r IS NO	T 7 IF ABI	E TO	
Address: 201 Willowip rook Blv A			• .	•		ACCOM	ACCOMMODATE**	*								EMAIL	7/2	
Wayne NJ 07474		michael - akerbergs	rbergs	B		Conditional TPHC	al TPHC			Results needed by:	led by:	Rush TAT Charge **	Charge **	Report Format	ormat	DISKETTE	ETTE	_
Telephone #: 973-785 - 0700		iarsu	INTSCORP. COM	5		24 hr*	48 hr 72 hr	hr NA				;	200	Results Only	Only	SRP. dbf format	format	
Fax#: 973-785-0023	FAX#		-		j	Verbal/Fax/EMAI	\	2 wk/Std	\ \			24 hr - 100 %	75%	Reduced	इ८	SRP.wk1 format	forma	-
Project Manager: Mike Akerberrys	INVOICE T	INVOICE TO: MIKE A HEADER		2465		24 hr*	48 hr* 72 hr	I.	*. /			72 hr - 50% 96 hr - 35%	35%	Regulatory	(a)	lab approved custom	ed custom	
Sampler: KH/AL/IM/LM	Address:			_		Hard Copy	<u>`</u>	3 wk/Std				5 day - 25 % 6-9 day 10 %	25% y 10%	Other (describe)	cribe)	EDD	Q	
Project Name:						2 wk* call for price	price		_					£;	4	NO DISK/CD REQ'D	D REQ'D	_
Project Location (State):							∀	ANALYTICAL PARAMETERS	CAL P/	KAME	FERS				Cooler Temp		5	
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Quote #:	PO#							9)	nje:	~	O	4	w Y		# B01	# BOTTLES &	لاه	
		Samp	Sample Matrix					r	<u>yn</u> 85).		r	··U	ر ال	4	RESEI	PRESERVATIVES	ES	
	DW - Drinking	DW-Drinking Water AQ-Aqueous WW-Waste Water	ous WW-Was	e Water					ή/ μα		أباو	عان	<i>म</i> ५०	-	_	-	- _	
SAMPLE INFORMATION	OI - Oil LIQ S - Soil SL -	OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe	OT - Other (Spec	ify)		31	HI TRI	055	ten IAT	۲) ۲)	ડસ્ટ	对权	Nat	Н				
Client ID Depth	Date	Sampling Time	Matrix	# container	IAL#				4		P	igh L	74 74	HCI NgO	SZH ONH	MeO Otho	Knon	
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*																		
Known Hazard: Yes or (No Describe:							Conc. Expected:		Low Med	ed High								
Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any	Samples canno	t be processe	d and the tr	ırnarou	nd time	will not	start unti		DL Reg	Old G	WQS - 1	1/05 GV	vos - s	MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)	IER (SE	ECOM	MENTS	$\overline{}$
ambiguities have been resolved.								J			MALL	1.1	110	7-1				1

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INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: E07 - 03 + +++		
1	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	No	<u>Yes</u>
2.	GC/MS Tuning Specifications: a. BFB Passed		
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		√
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		
	b. System Performance Check Compounds		<u>na</u>
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		<u>na</u>
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)	-	
	If not met, were the calculations checked and the results qualified as "estimated"?	_	
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		<u>na</u> na
9.	Internal Standard Area/Retention Time Shift meet criteria	•	✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		
[Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other Compounds Compounds Compounds Compounds Compounds Compounds Compounds Comments:		
-	Organics Manager Date		

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INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS SEMIVOLATILE ANALYSIS

Lab Case Number: E07 - 03귀 년 4

		<u>No</u>	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		
	GC/MS Tuning Specifications: a. DFTPP Passed		
	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.		
	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.		
	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds		
	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		
1	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		
!	If not met, were the calculations checked and the results qualified as "estimated"?		na
;	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		
9.	Internal Standard Area/Retention Time Shift meet criteria		✓
	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		
	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		
 -	Committee Distriction Designated	- -, /	
[Sample Dilution Performed High Target High Nontarget Matrix Interference Other Compounds Compounds	1	
13. (Comments:	_	
-	Organics Manager Date	-	

CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Number:

E07 - 03744

		No	<u>Yes</u>
1.	Blanks).		$\frac{100}{V}$
2.	Standards Summary submitted.		V
3.	Calibration - Initial calibration performed within 30 days prior to sample analysis and continuing calibration performed within 24 hrs of the sample analysis.	~	<u>y</u>
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	/	
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	-	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:	-	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:	-	<u>J</u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
7.	Retention Time Shift Meet Criteria (if applicable).		J
3.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		<u> </u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
) .	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		<u> </u>
	A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
_	Comments:		
-			
-	04-30-200+		
(e)	Organic Manager Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY METAL ANALYSIS

Lab Case Number: E07-03744

	<u>No</u>	<u>Yes</u>
Calibration Summary Meet Criteria.		
ICP Interference Check Sample Results Meets Criteria (if applicable)		
Serial Dilution/Post Spike Summary Submitted (if applicable) / Meets Criteria		_
Internal Standards Meet Criteria (if applicable)		
Laboratory Control Sample Summary Submitted (if applicable) / Meets Criteria		_
Blank Contamination: If yes, list compounds and concentrations in each blank:		
		✓
Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If not, list those	<u> </u>	
compounds and their recoveries which fall outside the acceptable range).		
Extraction Holding Time Met. If not, list number of days exceeded for each sample:		
Analysis Holding Time Met. If not, list number of days exceeded for each		✓
sample:		
Additional Comments: Sample(s) used for aqueous metals analyses contained varying levels of sedin Precautions were taken to use an aqueous representative of the sample. Howeverience has demonstrated that samples of this nature are very difficult to debecause the metals numbers are basically tied into the level of sediment prese original sample. Additionally, as the remainder of the sample is stored under a conditions, some of the metals may continue to leach out into the water making	ever, our uplicate nt in the cidic g any	
reproduction of the original number impossible. The rough amount of sediment the samples is as follows:	t present in	
00744 004: Tropo		

03744-004: Trace

M. Falek payennes
Inorganic Manager

April 24, 2007 Date

Fax # (973) 989-5288

CHAIN OF CUSTODY

FRE # (712) 707-1200		***************************************	May a del to the control of		
CISTOMER	$REPORTING\ INFO$	Turnaround Time (starts the following day if samples rec d at Iau > 3r ia)	samples rec d at Iab > 5r Iv)	A CALL OF THE PARTY OF THE PART	
COMPANY: 10 7 0 7 1 REPORT TO: M.	REPORT TO: M. L. AKErberto	Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT 15 NOT CITAD ANTERIN WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF ABLE TO	T prior to sample arrival. I	RUSH TAT IS NO GES WILL APPL	Y IF ABLE TO
- 1		ACCOMMODATE**			
100 CO	End'I'M' I'M'	Conditional TPHC Results	Results needed by: Rush TAT Charge **	Report Format	DISKETTE
	10.05	24 hr* 48 hr 72 hr NA		Results Only	SRP. dbf format
one #:		Verhal/Fax /EH P Wk/Std	24 hr - 100%	Reduced	SRP.wkl format
7+5-4		ءَ *	72 hr - 50%	Regulatory	
Project Manager: M, La A. A. C. C.	INVOICE TO: N. (2 4) 6 (12.00)		96 hr - 35% 5 day - 25%		lab approved custom EDD
Sampler: XH, SC	Address:	Hard Copy (3WKStd)	6-9 day 10%	a .	
Project Name: Lyspa				CHIL	NO DISK/CD REQ'D
Project Location (State): (C)		ANALYTICAL PARAN	PARAMETERS CALL	Cooler Temp	npc
	Attn:	n al	+ > '4 ! ! !		
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	Sample Matrix	ングリアンス	ひんとしつ	PRESE	PRESERVATIVES
	DW - Drinking Water AQ - Aqueous WW - Waste Water	21. 44 105 11. 14 11. 14	ラのアナナート	- - -	- -
SAMPLE INFORMATION	OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Soild W - Wipe	William Control of the Control of th	77	ю	OH er
Client ID Depth	Sampling # IAL* Date Time Natrix container IAL*	1227	941	HTS N [®] O HCI	Мес Оть
LT MAILIST	1 91 04 5230 69/95		メスメ		(3)
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76.50.70			,	Q	
\$22.00 m					
		Conc. Expected: Low (Med	High		
Known Hazard: Yes or (No Describe: Diogeomeint logistly and fill out completely. San	Known Hazard: Yes or (No Describe: Places with any fill out completely. Samples cannot be processed and the turnaround time will not start until any		VQS - 11/05 GWQS	SCC - OTHER (S	- SCC - OTHER (SEE COMMENTS
ambiguities have been resolved.	,] 			
Signature/Company ,	Date Time Signature/Company	Comments:	ents:		
Relinquished by: 7 M & Ch.	5/2/27 ,218 Received by: J. Murias				
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CONFORMANCE/NONCONFORMANCE SUMMARY GC/MS VOLATILE ANALYSIS

	Lab Case Number: <u>E07 - ーキ</u> ムナ/		
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u>No</u>	Yes
2.	GC/MS Tuning Specifications: a. BFB Passed		
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series and 8 hours for 500 series.		
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series, 12 hours for 8000 series		
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds		
	b. System Performance Check Compounds		na
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	na
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		
	If not met, were the calculations checked and the results qualified as "estimated"?		
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)		na na
9.	Internal Standard Area/Retention Time Shift meet criteria		
10.	Extraction Holding Time Met	· · · · · · · · · · · · · · · · · · ·	-
	If not met, list number of days exceeded for each sample:	 .	na
11.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:	 -	√
12.	Sample Dilution Performed High Target High Nontarget Compounds Compounds Matrix Interference Other		
3. - -	Comments		
-	Organics Manager 5/9 (a)		
	Date Date		

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INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY **GC/MS SEMIVOLATILE ANALYSIS**

	Lab Case Number: E07 - 4271		
		<u>No</u>	Yes
	. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		<u> </u>
2.	GC/MS Tuning Specifications: a. DFTPP Passed		<u> </u>
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series, 12 hours for 8000 series.	 -	<u> </u>
4.	GC/MS Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours before sample analysis for 600 series.		✓
5.	GC/MS Calibration Requirements: a. Calibration Check Compounds b. System Performance Check Compounds	- 	√
6.	Blank Contamination - If yes, list compounds and concentrations in each blank: a. B/N Fraction b. Acid Fraction		
7.	Surrogate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range)		✓
	a. B/N Fraction b. Acid Fraction If not met, were the calculations checked and the results qualified as "estimated"?		na
8.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) a. B/N Fraction b. Acid Fraction		✓
9.	Internal Standard Area/Retention Time Shift meet criteria		✓
	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		√
1.	Analysis Holding Time Met If not met, list number of days exceeded for each sample:		<u> </u>
2.	Sample Dilution Performed High Target High Nontarget Compounds Matrix Interference Other		
,			
ა.	Comments:		
•	Pro Classica		
٠	Organics Manager S / 09/07 Date		

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY GC ANALYSIS - Miscellaneous

Including Hydrocarbons, Metabolic Acids, and Gas Screens

Lab Case Number:	E07 - <i>041}1</i>

5. Surrogate Recoveries meet criteria (if applicable) If not met, list those compounds and their recove acceptable range: A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 6. Matrix Spike/Matrix Spike Duplicate meet criteria and their recoveries/% differences which fall outs acceptable range: A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 7. Retention Time Shift Meet Criteria (if applicable). 8. Extraction Holding Time Met. If not met, list number of days exceeded for each A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 9. Analysis Holding Time Met. If not met, list number of days exceeded for each	days prior to sample hin 24 hrs of the sample analysis. concentrations in each blank: ries which fall outside the	
analysis and continuing calibration performed wit 4. Blank Contamination - If yes, list compounds and A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 5. Surrogate Recoveries meet criteria (if applicable) If not met, list those compounds and their recove acceptable range: A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 6. Matrix Spike/Matrix Spike Duplicate meet criteria and their recoveries/% differences which fall outs acceptable range: A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 7. Retention Time Shift Meet Criteria (if applicable). 8. Extraction Holding Time Met. If not met, list number of days exceeded for each A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 9. Analysis Holding Time Met. If not met, list number of days exceeded for each	concentrations in each blank: ties which fall outside the (if not, list those compounds	J
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A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids: 9. Analysis Holding Time Met. If not met, list number of days exceeded for each	sample:	
If not met, list number of days exceeded for each		
	sample:	<u> </u>
A. Hydrocarbons: B. Gas Screens: C. Metabolic Acids:		
Comments:		
7		
Organic Manager	05-10-200+	

INTEGRATED ANALYTICAL LABORATORIES CONFORMANCE/NONCONFORMANCE SUMMARY **METAL ANALYSIS**

Lab Case Number: <u>E07-04271</u>

	O III and the O and a Mark O ii a in	<u>No</u>	<u>Yes</u>
1. 2.	Calibration Summary Meet Criteria. ICP Interference Check Sample Results Meets Criteria (if applicable)		
2. 3.	Serial Dilution/Post Spike Summary Submitted (if applicable) / Meets Criteria		· - '
4.	Internal Standards Meet Criteria (if applicable)		
5.	Laboratory Control Sample Summary Submitted (if applicable) / Meets Criteria	a	
6.	Blank Contamination: If yes, list compounds and concentrations in each blank		-
U .		· ·	
7.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria. (If not, list those	· ·	✓
	compounds and their recoveries which fall outside the acceptable range).		
8.	Extraction Holding Time Met. If not, list number of days exceeded for each		·
	sample:		
			
9.	Analysis Holding Time Met. If not, list number of days exceeded for each		✓
•	sample:	-	
	Additional Comments:		
	2/2/12		
	H. Falek payenner	May 7, 2007	
	Inorganic Manager	Date	***

ATTACHMENT B DATA USABILITY SUMMARY REPORT THIRD QUARTER 2007

HEMPSTEAD INTERSECTION STREET FORMER MGP SITE VILLAGES OF GARDEN CITY AND HEMPSTEAD LONG ISLAND, NEW YORK

Analyses Performed by: H2M LABORATORIES, INC.

Prepared For:
KEYSPAN CORPORATION
175 EAST OLD COUNTRY RD.
HICKSVILLE, NY 11801

Prepared by:
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

NOVEMBER 2007

TABLE OF CONTENTS

			Page No.
I.	INTRO	DUCTION	B-1
II.	ANAL	YTICAL METHODOLOGIES AND DATA VALIDATION	B-1
III.	DATA	DELIVERABLE COMPLETENESS	B-3
IV.	HOLDI	ING TIMES/SAMPLE RECEIPT	B-3
V.	NON-C	CONFORMANCES	B-3
VI.	SAMPI	LE RESULTS AND REPORTING	B-5
VII.	SUMM	[ARY	B-6
		TABLES	
		(Following Text)	
Table	B-1	Validated Groundwater Sample Analytical Results	
Table	B-2	Validated Field QC Sample Analytical Results	
		APPENDICES	
		(Following Tables)	
Appen	ndix A	Validated Form 1's	
Appen	ndix B	Support Documentation	

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Draft DER-10*, *Technical Guidance for Site Investigation and Remediation*, *Appendix 2B - Guidance for the Development of Data Usability Summary Reports*, December 2002. Analytical data for the 45 groundwater samples, two matrix spike/matrix spike duplicate (MS/MSD) pairs, two field/rinsate blanks, and 10 trip blanks collected by URS personnel on July 24 - August 6, 2007 are discussed in this DUSR. The samples were collected as part of the third quarter 2007 groundwater monitoring event at the Hempstead Intersection Street Former MGP Site.

II. ANALYTICAL METHODOLOGIES AND DATA VALIDATION

The samples were analyzed by H2M Laboratories, Inc. (Melville, NY) for the following parameters:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) USEPA Method SW8260B;
- Polycyclic aromatic hydrocarbons (PAHs) USEPA Method SW8270C;
- Total and dissolved iron USEPA Method 6010B;
- Methane USEPA Method RSK-175;
- Total Alkalinity USEPA Method 310.1;
- Nitrate USEPA Method 353.2;
- Nitrite USEPA Method 353.2;
- Sulfate USEPA Method 375.4;
- Free Carbon Dioxide Standard Method (SM) 4500-CO₂-D; and

• Heterotrophic Plate Count – SM 9215B.

Not all samples were analyzed for all parameters. In addition, some samples were collected for total cyanide analyses. At the request of URS, these samples were to be held by the laboratory pending further notification. None of the samples placed on hold were analyzed for total cyanide.

A limited data validation was performed on the samples in accordance with the guidelines in the following USEPA Region II documents:

- Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B, SOP HW-24, Rev. 2, October 2006;
- Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D, SOP HW-22, Rev. 3, October 2006; and
- Validation of Metals for the Contract Laboratory Program (CLP) Based on SOW ILM05.3, SOP HW-2, Rev. 13, September 2006.

The limited data validation included a review of holding times; completeness of all required deliverables; quality control (QC) results (blanks, instrument tunes, calibration standards, matrix spike recoveries, duplicate analyses, and laboratory control sample recoveries) to determine if the data are within the protocol-required QC limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data include 'U' (not detected), 'J' (estimated concentration), and 'UJ' (estimated quantitation limit). The validated analytical results are presented in Tables B-1 and B-2. Copies of the validated laboratory results (i.e., Form 1's) are presented in Appendix A. Documentation supporting the qualification of data is presented in Appendix B. Only problems affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages (i.e., NYSDEC ASP Category B or equivalent) were provided by the laboratory, and included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratories intact and under proper chain-of-custody, and were analyzed within the required holding times.

V. NON-CONFORMANCES

• Instrument Calibration

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in the continuing calibration (CCAL) standard associated with the following groundwater and field/rinse blank samples was greater than 20% for VOCs benzene and ethylbenzene: HIMW-8D, HIMW-8I, HIMW-8S, HIMW-9D, HIMW-9I, HIMW-201S, TB073107, and TB080107. The non-detect results for benzene and ethylbenzene in these samples were qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in the CCAL standard associated with the following groundwater and field/rinse blank samples was greater than 20% for PAH benzo(k)fluoranthene: HIMW-3D, HIMW-13I, HIMW-13S, and FB072707. The non-detect results for benzo(k)fluoranthene in these samples were qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in the CCAL standard associated with the following groundwater samples was greater than 20% for PAHs benzo(k)fluoranthene and benzo(g,h,i)perylene: HIMW-1D, HIMW-15I, HIMW-19I,

and PZ-02. The non-detect results for benzo(k)fluoranthene and benzo(g,h,i)perylene in these samples were qualified 'UJ'.

The %D between the ICAL average RRF and the RRF in the CCAL standard associated with the following groundwater samples was greater than 20% for PAH indeno(1,2,3-cd)pyrene: HIMW-4S, HIMW-5D, HIMW-5I, HIMW-5S, HIMW-8D, HIMW-8I, HIMW-8S, HIMW-9D, HIMW-9I, HIMW-9S, HIMW-12D, HIMW-12I, HIMW-200S, and HIMW-201S. The non-detect results for indeno(1,2,3-cd)pyrene in these samples were qualified 'UJ'.

Documentation supporting the qualification of data (i.e., Forms 5 and 7) is presented in Appendix B.

Matrix Spike/Matrix Duplicate Analyses

For the total and dissolved iron analyses, matrix duplicate (MD) analyses were performed in place of the MSD analyses. The relative percent difference (RPD) between the concentration of total iron in groundwater sample HIMW-14D and the concentration in the MD analysis of this sample was greater than 20%. The results for total iron in associated groundwater samples HIMW-12S, HIMW-14D, HIMW-14I, HIMW-15D, and HIMW-15I were qualified 'J'.

The RPD between the concentration of total iron in groundwater sample HIMW-10D and the concentration in the MD analysis of this sample was greater than 20%. In addition, the recovery of total iron in the MS analysis of this sample was greater than 125%. The results for total iron in associated groundwater samples HIMW-4S, HIMW-10D, HIMW-12I, HIMW-12D, HIMW-18I, and HIMW-200S were qualified 'J'.

The RPD between the heterotrophic plate count in groundwater sample HIMW-10D and the concentration in the MD analysis of this sample was greater than 20%. The heterotrophic plate count results in associated groundwater samples HIMW-4D, HIMW-

4I, HIMW-4S, HIMW-10D, HIMW-10I, HIMW-10S, HIMW-12I, HIMW-12D, HIMW-18I, and HIMW-200S were qualified 'J'.

Documentation supporting the qualification of data (i.e., Forms 5 and 6, or equivalent) is presented in Appendix B.

• Blank Contamination

The heterotrophic plate counts in the following groundwater samples were less than ten times the plate count in the associated field blank: HIMW-4D, HIMW-4I, HIMW-4S, HIMW-10D, HIMW-10I, HIMW-12D, HIMW-12I, HIMW-14D, HIMW-14I, and HIMW-200S. The heterotrophic plate counts in these samples were qualified 'J'.

The concentrations of total iron in the following groundwater samples were less than ten times the concentration in the associated field blank: HIMW-4D, HIMW-4S, HIMW-10I, HIMW-12D, HIMW-12S, HIMW-14D, HIMW-14I, HIMW-15I, and HIMW-200S. The results for total iron in these samples were qualified 'J'.

The concentrations of dissolved iron in the following groundwater samples were less than ten times the concentration in the associated field and/or calibration blanks: HIMW-4I, HIMW-4S, HIMW-10D, HIMW-12S, and HIMW-200S. The results for dissolved iron in these samples were qualified 'J'.

Documentation supporting the qualification of data (i.e., Forms 3 and 14, where applicable) is presented in Appendix B.

VI. SAMPLE RESULTS AND REPORTING

All sample results were reported in accordance with method requirements and were adjusted for sample size and dilution factors. Several samples were analyzed utilizing one or more dilutions to allow quantification of all project target analytes within the calibration range of the instrument.

Results reported from secondary dilution analyses were qualified 'D' by the laboratory. BTEX and PAH results below the quantitation limits were qualified 'J' by the laboratory. Total and dissolved iron results below the contract required detection limit (CRDL) were qualified 'B' by the laboratory. To be consistent with current USEPA flagging convention, these 'B' qualifiers were changed to 'J' during validation.

VII. **SUMMARY**

All sample analyses were found to be compliant with the method and validation criteria, except where previously noted. Those results qualified 'J' (estimated) or 'UJ' (estimated quantitation limit) are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the re-collection of any samples at this time.

Date: 11/21/07 Prepared By: James J. Lehnen, Senior Chemist

Reviewed By: Mary E. Bitka, Principal Chemist WB

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- D The sample results are reported from a separate secondary dilution analysis.
- NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Location ID		HIMW-001D	HIMW-002D	HIMW-002I	HIMW-002S	HIMW-003D
Sample ID		HIMW-1D	HIMW-2D	HIMW-2I	HIMW-2S	HIMW-3D
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	•	-
Date Sampled	1	07/24/07	08/03/07	08/02/07	08/06/07	07/27/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 U				
Ethylbenzene	UG/L	10 U				
Toluene	UG/L	10 U				
Xylene (total)	UG/L	10 U				
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U				
Acenaphthene	UG/L	10 U				
Acenaphthylene	UG/L	10 U				
Anthracene	UG/L	10 U				
Benzo(a)anthracene	UG/L	10 U				
Benzo(a)pyrene	UG/L	10 U				
Benzo(b)fluoranthene	UG/L	10 U				
Benzo(g,h,i)perylene	UG/L	10 UJ	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	10 UJ	10 U	10 U	10 U	10 UJ
Chrysene	UG/L	10 U				
Dibenz(a,h)anthracene	UG/L	10 U				
Fluoranthene	UG/L	10 U				
Fluorene	UG/L	10 U				
Indeno(1,2,3-cd)pyrene	UG/L	10 U				
Naphthalene	UG/L	10 U				
Phenanthrene	UG/L	10 U				
Pyrene	UG/L	1 J	10 U	10 U	10 U	10 U

Flags assigned during chemistry validation are shown.

Location ID		HIMW-001D	HIMW-002D	HIMW-002I	HIMW-002S	HIMW-003D
Sample ID		HIMW-1D	HIMW-2D	HIMW-2I	HIMW-2S	HIMW-3D
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	07/24/07	08/03/07	08/02/07	08/06/07	07/27/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	NA	NA
Methane	UG/L	NA	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID Sample ID		HIMW-003I	HIMW-003S	HIMW-004D	HIMW-004I	HIMW-004S HIMW-4S
		HIMW-3I	HIMW-3S	HIMW-4D	HIMW-4I	
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	1	07/26/07	07/25/07	08/06/07	08/02/07	07/31/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 U				
Ethylbenzene	UG/L	10 U				
Toluene	UG/L	10 U				
Xylene (total)	UG/L	10 U				
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U				
Acenaphthene	UG/L	10 U				
Acenaphthylene	UG/L	10 U				
Anthracene	UG/L	10 U				
Benzo(a)anthracene	UG/L	10 U				
Benzo(a)pyrene	UG/L	10 U				
Benzo(b)fluoranthene	UG/L	10 U				
Benzo(g,h,i)perylene	UG/L	10 U				
Benzo(k)fluoranthene	UG/L	10 U				
Chrysene	UG/L	10 U				
Dibenz(a,h)anthracene	UG/L	10 U				
Fluoranthene	UG/L	10 U				
Fluorene	UG/L	10 U				
Indeno(1,2,3-cd)pyrene	UG/L	10 U	10 U	10 U	10 U	10 UJ
Naphthalene	UG/L	10 U	10 U	10 U	10 U	6 J
Phenanthrene	UG/L	10 U				
Pyrene	UG/L	10 U				

Flags assigned during chemistry validation are shown.

Location ID		HIMW-003I	HIMW-003S	HIMW-004D	HIMW-004I	HIMW-004S
Sample ID		HIMW-3I	HIMW-3S	HIMW-4D	HIMW-4I	HIMW-4S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	07/26/07	07/25/07	08/06/07	08/02/07	07/31/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	213 J	567	45.3 J
Dissolved Metals						
Iron	UG/L	NA	NA	111	21.0 J	48.4 J
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	13,000	34,800	12,600
Nitrate-Nitrogen	UG/L	NA	NA	4,360	2,360	3,390
Nitrite-Nitrogen	UG/L	NA	NA	100 U	100 U	100 U
Sulfate (as SO4)	UG/L	NA	NA	27,800	23,700	18,500
Heterotrophic Plate Count	CFU/ML	NA	NA	210 J	320 J	210 J
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	60,900	63,500	39,600
Methane	UG/L	NA	NA	1 U	1 U	1 U

Flags assigned during chemistry validation are shown.

Location ID		HIMW-005D	HIMW-005I	HIMW-005S	HIMW-006D	HIMW-006I
Sample ID		HIMW-5D	HIMW-5I	HIMW-5S Groundwater	HIMW-6D	HIMW-6I Groundwater
Matrix		Groundwater	Groundwater		Groundwater	
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	07/31/07	07/30/07	07/30/07	08/02/07	08/01/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 U	7 J	10 U	10 U	17
Ethylbenzene	UG/L	10 U	3 J	10 U	10 U	10 U
Toluene	UG/L	4 J	3 J	10 U	10 U	10
Xylene (total)	UG/L	58	170	10 U	3 J	13
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	11	540 D	10 U	10 U	24
Acenaphthene	UG/L	10 U	16	10 U	10 U	10 U
Acenaphthylene	UG/L	5 J	170 DJ	10 U	2 J	14
Anthracene	UG/L	10 U	2 J	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	10 U	35	10 U	10 U	3 J
Indeno(1,2,3-cd)pyrene	UG/L	10 UJ	10 UJ	10 UJ	10 U	10 U
Naphthalene	UG/L	76 D	2,600 D	10 U	1 J	110 D
Phenanthrene	UG/L	10 U	20	10 U	3 J	10 U
Pyrene	UG/L	10 U	10 U	10 U	10 U	10 U

Flags assigned during chemistry validation are shown.

Location ID		HIMW-005D	HIMW-005I	HIMW-005S	HIMW-006D	HIMW-006I
Sample ID		HIMW-5D	HIMW-5I	HIMW-5S	HIMW-6D	HIMW-6I Groundwater
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	07/31/07	07/30/07	07/30/07	08/02/07	08/01/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	NA	NA
Methane	UG/L	NA	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-007D	HIMW-007I	HIMW-008D	HIMW-008I	HIMW-008S
Sample ID		HIMW-7D	HIMW-7I	HIMW-8D	HIMW-8I	HIMW-8S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		•	-	-	-	-
Date Sampled	1	08/01/07	08/02/07	07/31/07	08/01/07	08/01/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 U	10 U	10 UJ	10 UJ	10 UJ
Ethylbenzene	UG/L	10 U	10 U	10 UJ	10 UJ	10 UJ
Toluene	UG/L	10 U	10 U	1 J	10 U	10 U
Xylene (total)	UG/L	10 U				
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U				
Acenaphthene	UG/L	10 U				
Acenaphthylene	UG/L	10 U				
Anthracene	UG/L	10 U				
Benzo(a)anthracene	UG/L	10 U				
Benzo(a)pyrene	UG/L	10 U				
Benzo(b)fluoranthene	UG/L	10 U				
Benzo(g,h,i)perylene	UG/L	10 U				
Benzo(k)fluoranthene	UG/L	10 U				
Chrysene	UG/L	10 U				
Dibenz(a,h)anthracene	UG/L	10 U				
Fluoranthene	UG/L	10 U				
Fluorene	UG/L	10 U				
Indeno(1,2,3-cd)pyrene	UG/L	10 U	10 U	10 UJ	10 UJ	10 UJ
Naphthalene	UG/L	10 U				
Phenanthrene	UG/L	10 U				
Pyrene	UG/L	10 U				

Flags assigned during chemistry validation are shown.

Location ID		HIMW-007D	HIMW-007I	HIMW-008D	HIMW-008I	HIMW-008S
Sample ID		HIMW-7D	HIMW-7I	HIMW-8D	HIMW-8I	HIMW-8S
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	08/01/07	08/02/07	07/31/07	08/01/07	08/01/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	NA	NA
Methane	UG/L	NA	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-009D	HIMW-0091	HIMW-009S	HIMW-010D	HIMW-010I
Sample ID		HIMW-9D	HIMW-9I	HIMW-9S	HIMW-10D	HIMW-10I
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	1	08/01/07	08/01/07	07/31/07	08/03/07	08/02/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 UJ	10 UJ	10 U	10 U	10 U
Ethylbenzene	UG/L	10 UJ	10 UJ	10 U	10 U	10 U
Toluene	UG/L	1 J	10 U	10 U	10 U	10 U
Xylene (total)	UG/L	10 U				
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U				
Acenaphthene	UG/L	10 U				
Acenaphthylene	UG/L	10 U				
Anthracene	UG/L	10 U				
Benzo(a)anthracene	UG/L	10 U				
Benzo(a)pyrene	UG/L	10 U				
Benzo(b)fluoranthene	UG/L	10 U				
Benzo(g,h,i)perylene	UG/L	10 U				
Benzo(k)fluoranthene	UG/L	10 U				
Chrysene	UG/L	10 U				
Dibenz(a,h)anthracene	UG/L	10 U				
Fluoranthene	UG/L	10 U				
Fluorene	UG/L	10 U				
Indeno(1,2,3-cd)pyrene	UG/L	10 UJ	10 UJ	10 UJ	10 U	10 U
Naphthalene	UG/L	10 U				
Phenanthrene	UG/L	10 U				
Pyrene	UG/L	10 U				

Flags assigned during chemistry validation are shown.

Location ID		HIMW-009D	HIMW-0091	HIMW-009S	HIMW-010D	HIMW-010I
Sample ID		HIMW-9D	HIMW-9I	HIMW-9S	HIMW-10D	HIMW-10I
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	08/01/07	08/01/07	07/31/07	08/03/07	08/02/07
Parameter	Units					
Metals						
Iron	UG/L	NA	NA	NA	929 J	129 J
Dissolved Metals						
Iron	UG/L	NA	NA	NA	48.9 J	75.3 J
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	4,800	1,000 U
Nitrate-Nitrogen	UG/L	NA	NA	NA	2,140	2,400
Nitrite-Nitrogen	UG/L	NA	NA	NA	100 U	100 U
Sulfate (as SO4)	UG/L	NA	NA	NA	22,000	30,200
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	120 J	340 J
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	42,900	1,000 U
Methane	UG/L	NA	NA	NA	1 U	1 U

Flags assigned during chemistry validation are shown.

Location ID		HIMW-010S	HIMW-011D	HIMW-011I	HIMW-012D	HIMW-012I
Sample ID		HIMW-10S	HIMW-11D	HIMW-11I	HIMW-12D	HIMW-12I
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	- 07/04/07	- 07/00/07
Date Sampled	1	08/06/07	08/03/07	08/02/07	07/31/07	07/30/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 U	10 U	10 U	10 U	26
Ethylbenzene	UG/L	10 U	10 U	10 U	10 U	15
Toluene	UG/L	10 U				
Xylene (total)	UG/L	10 U	10 U	10 U	10 U	22
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U				
Acenaphthene	UG/L	10 U	10 U	10 U	10 U	51
Acenaphthylene	UG/L	10 U	10 U	10 U	10 U	66
Anthracene	UG/L	10 U				
Benzo(a)anthracene	UG/L	10 U				
Benzo(a)pyrene	UG/L	10 U				
Benzo(b)fluoranthene	UG/L	10 U				
Benzo(g,h,i)perylene	UG/L	10 U				
Benzo(k)fluoranthene	UG/L	10 U				
Chrysene	UG/L	10 U				
Dibenz(a,h)anthracene	UG/L	10 U				
Fluoranthene	UG/L	10 U				
Fluorene	UG/L	10 U	10 U	10 U	10 U	37
Indeno(1,2,3-cd)pyrene	UG/L	10 U	10 U	10 U	10 UJ	10 UJ
Naphthalene	UG/L	10 U	10 U	10 U	10 U	8 J
Phenanthrene	UG/L	1 J	10 U	10 U	10 U	6 J
Pyrene	UG/L	10 U				

Flags assigned during chemistry validation are shown.

Location ID	_	HIMW-010S	HIMW-011D	HIMW-011I	HIMW-012D	HIMW-012I
Sample ID		HIMW-10S	HIMW-11D	HIMW-11I	HIMW-12D	HIMW-12I
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	08/06/07	08/03/07	08/02/07	07/31/07	07/30/07
Parameter	Units					
Metals						
Iron	UG/L	3,910	NA	NA	255 J	20,500 J
Dissolved Metals						
Iron	UG/L	2,510	NA	NA	98.2 J	16,900
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	1,700	NA	NA	6,100	69,400
Nitrate-Nitrogen	UG/L	5,510	NA	NA	1,390	100 U
Nitrite-Nitrogen	UG/L	220	NA	NA	100 U	100 U
Sulfate (as SO4)	UG/L	96,500	NA	NA	61,800	43,200
Heterotrophic Plate Count	CFU/ML	1,000 J	NA	NA	100 J	77 J
Dissolved Gases						
Carbon dioxide	UG/L	9,400	NA	NA	70,200	230,000
Methane	UG/L	1 U	NA	NA	19	330 D

Flags assigned during chemistry validation are shown.

Location ID		HIMW-012S	HIMW-013D	HIMW-013I	HIMW-013S	HIMW-014D
Sample ID		HIMW-12S	HIMW-13D	HIMW-13I	HIMW-13S	HIMW-14D Groundwater
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	
Depth Interval (ft)		-	-	-	-	-
Date Sampled Parameter	1	07/26/07	07/26/07	07/27/07	07/27/07	07/25/07
raiameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 U	4 J	140	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U	3 J	10 U	10 U
Toluene	UG/L	10 U				
Xylene (total)	UG/L	10 U	5 J	9 J	10 U	10 U
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U				
Acenaphthene	UG/L	10 U	7 J	9 J	10 U	10 U
Acenaphthylene	UG/L	10 U	10	75	10 U	10 U
Anthracene	UG/L	10 U	10 U	1 J	10 U	10 U
Benzo(a)anthracene	UG/L	10 U				
Benzo(a)pyrene	UG/L	10 U				
Benzo(b)fluoranthene	UG/L	10 U				
Benzo(g,h,i)perylene	UG/L	10 U				
Benzo(k)fluoranthene	UG/L	10 U	10 U	10 UJ	10 UJ	10 U
Chrysene	UG/L	10 U				
Dibenz(a,h)anthracene	UG/L	10 U				
Fluoranthene	UG/L	10 U				
Fluorene	UG/L	10 U	10 U	16	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	10 U				
Naphthalene	UG/L	10 U	10 U	1 J	10 U	10 U
Phenanthrene	UG/L	10 U	10 U	17	10 U	10 U
Pyrene	UG/L	10 U				

Flags assigned during chemistry validation are shown.

Location ID	_	HIMW-012S	HIMW-013D	HIMW-013I	HIMW-013S	HIMW-014D
Sample ID		HIMW-12S	HIMW-13D	HIMW-13I	HIMW-13S	HIMW-14D
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	07/26/07	07/26/07	07/27/07	07/27/07	07/25/07
Parameter	Units					
Metals						
Iron	UG/L	390 J	NA	NA	NA	5,620 J
Dissolved Metals						
Iron	UG/L	34.7 J	NA	NA	NA	898
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	30,200	NA	NA	NA	24,100
Nitrate-Nitrogen	UG/L	5,290	NA	NA	NA	100 U
Nitrite-Nitrogen	UG/L	100 U	NA	NA	NA	100 U
Sulfate (as SO4)	UG/L	21,600	NA	NA	NA	79,500
Heterotrophic Plate Count	CFU/ML	460	NA	NA	NA	190 J
Dissolved Gases						
Carbon dioxide	UG/L	64,700	NA	NA	NA	171,000
Methane	UG/L	1 U	NA	NA	NA	180 D

Flags assigned during chemistry validation are shown.

Location ID		HIMW-014I	HIMW-015D	HIMW-015I	HIMW-018I	HIMW-019I
Sample ID		HIMW-14I	HIMW-15D	HIMW-15I	HIMW-18I	HIMW-19I
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	er Groundwater
Depth Interval (ft)	. ,,		-	-	-	-
Date Sampled	_	07/26/07	07/25/07	07/24/07	08/03/07	07/24/07
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	80	10 U	21	1 J	10 U
Ethylbenzene	UG/L	86	10 U	10 U	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U	2 J	10 U
Xylene (total)	UG/L	8 J	10 U	10 U	18	10 U
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U	10 U	10 U	35	10 U
Acenaphthene	UG/L	19	10 U	5 J	2 J	10 U
Acenaphthylene	UG/L	30	10 U	22	11	10 U
Anthracene	UG/L	10 U	10 U	10 U	2 J	10 U
Benzo(a)anthracene	UG/L	10 U				
Benzo(a)pyrene	UG/L	10 U				
Benzo(b)fluoranthene	UG/L	10 U				
Benzo(g,h,i)perylene	UG/L	10 U	10 U	10 UJ	10 U	10 UJ
Benzo(k)fluoranthene	UG/L	10 U	10 U	10 UJ	10 U	10 UJ
Chrysene	UG/L	10 U				
Dibenz(a,h)anthracene	UG/L	10 U				
Fluoranthene	UG/L	10 U	10 U	10 U	1 J	10 U
Fluorene	UG/L	8 J	10 U	10 U	5 J	10 U
Indeno(1,2,3-cd)pyrene	UG/L	10 U				
Naphthalene	UG/L	3 J	10 U	10 U	120 D	10 U
Phenanthrene	UG/L	7 J	10 U	3 J	12	10 U
Pyrene	UG/L	10 U	10 U	10 U	3 J	10 U

Flags assigned during chemistry validation are shown.

Location ID	Location ID		HIMW-015D	HIMW-015I	HIMW-018I	HIMW-019I
Sample ID		HIMW-14I	HIMW-15D	HIMW-15I	HIMW-15I HIMW-18I	HIMW-19I
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		- 07/26/07	-	-	-	-
Date Sampled	_		07/25/07	07/24/07	08/03/07	07/24/07
Parameter	Units					
Metals						
Iron	UG/L	44,900 J	17,200 J	480 J	3,560 J	NA
Dissolved Metals						
Iron	UG/L	16,700	15,200	97.4 J	159	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	62,500	1,000 U	63,000	1,000 U	NA
Nitrate-Nitrogen	UG/L	100 U	100 U	200	4,100	NA
Nitrite-Nitrogen	UG/L	100 U	100 U	100 U	100 U	NA
Sulfate (as SO4)	UG/L	23,100	57,500	29,600	57,200	NA
Heterotrophic Plate Count	CFU/ML	160 J	930	640	3,800 J	NA
Dissolved Gases						
Carbon dioxide	UG/L	244,000	1,000 U	135,000	1,000 U	NA
Methane	UG/L	290 D	210 D	32 D	1 U	NA

Flags assigned during chemistry validation are shown.

Location ID		HIMW-200S	HIMW-201S	HIMW-202S	PZ-02	PZ-03
Sample ID		HIMW-200S	HIMW-201S	HIMW-202S	PZ-02	PZ-03
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	- 08/01/07	- 08/06/07	- 07/24/07	- 07/25/07
Date Sampled	1	07/31/07				
Parameter	Units					
Volatile Organic Compounds						
Benzene	UG/L	10 U	10 UJ	10 U	10 U	10 U
Ethylbenzene	UG/L	10 U	10 UJ	10 U	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U	10 U	10 U
Xylene (total)	UG/L	10 U	10 U	10 U	10 U	10 U
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	10 U	10 U	10 U	10 U	10 U
Acenaphthene	UG/L	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	10 U	10 U	10 U	10 U	10 U
Anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	10 U	10 U	10 U	10 UJ	10 U
Benzo(k)fluoranthene	UG/L	10 U	10 U	10 U	10 UJ	10 U
Chrysene	UG/L	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	10 U	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	10 UJ	10 UJ	10 U	10 U	10 U
Naphthalene	UG/L	10 U	10 U	10 U	10 U	10 U
Phenanthrene	UG/L	10 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	10 U	10 U	10 U	10 U	10 U

Flags assigned during chemistry validation are shown.

Location ID		HIMW-200S	HIMW-201S	HIMW-202S	PZ-02	PZ-03
Sample ID		HIMW-200S	HIMW-201S	HIMW-202S	PZ-02	PZ-03
Matrix		Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)		-	-	-	-	-
Date Sampled	_	07/31/07	08/01/07	08/06/07	07/24/07	07/25/07
Parameter	Units					
Metals						
Iron	UG/L	50.7 J	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	42.7 J	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	12,400	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	3,400	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	100 U	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	18,600	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	210 J	NA	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	44,100	NA	NA	NA	NA
Methane	UG/L	1 U	NA	NA	NA	NA

Flags assigned during chemistry validation are shown.

Location ID		FIELDQC	FIELDQC	FIELDQC	FIELDQC	FIELDQC
Sample ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	FB 072707	TB072707
Matrix		Water Quality	Water Quality	Water Quality	Water Quality - 07/27/07	Water Quality -
Depth Interval (ft)		-	- 07/25/07	- 07/26/07		
Date Sampled		07/24/07				07/27/07
Parameter	Units	Trip Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)	Field Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds						
Benzene	UG/L	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U	10 U	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U	10 U	10 U
Xylene (total)	UG/L	10 U	10 U	10 U	10 U	10 U
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	NA	NA	NA	10 U	NA
Acenaphthene	UG/L	NA	NA	NA	10 U	NA
Acenaphthylene	UG/L	NA	NA	NA	10 U	NA
Anthracene	UG/L	NA	NA	NA	10 U	NA
Benzo(a)anthracene	UG/L	NA	NA	NA	10 U	NA
Benzo(a)pyrene	UG/L	NA	NA	NA	10 U	NA
Benzo(b)fluoranthene	UG/L	NA	NA	NA	10 U	NA
Benzo(g,h,i)perylene	UG/L	NA	NA	NA	10 U	NA
Benzo(k)fluoranthene	UG/L	NA	NA	NA	10 UJ	NA
Chrysene	UG/L	NA	NA	NA	10 U	NA
Dibenz(a,h)anthracene	UG/L	NA	NA	NA	10 U	NA
Fluoranthene	UG/L	NA	NA	NA	10 U	NA
Fluorene	UG/L	NA	NA	NA	10 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	NA	NA	NA	10 U	NA
Naphthalene	UG/L	NA	NA	NA	10 U	NA
Phenanthrene	UG/L	NA	NA	NA	10 U	NA
Pyrene	UG/L	NA	NA	NA	10 U	NA

Flags assigned during chemistry validation are shown.

Location ID	_	FIELDQC	FIELDQC	FIELDQC	FIELDQC	FIELDQC
Sample ID		TRIP BLANK	TRIP BLANK	TRIP BLANK	FB 072707	TB072707 Water Quality -
Matrix		Water Quality	Water Quality	Water Quality	Water Quality	
Depth Interval (ft)		- 07/24/07	-	-	-	
Date Sampled			07/25/07	07/26/07	07/27/07	07/27/07
Parameter	Units	Trip Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)	Field Blank (1-1)	Trip Blank (1-1)
Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	NA	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	NA	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	NA	NA
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	NA	NA
Methane	UG/L	1 U	1 U	1 U	NA	NA

Flags assigned during chemistry validation are shown.

Location ID		FIELDQC	FIELDQC	FIELDQC	FIELDQC	FIELDQC
Sample ID		TB073007	TB 073107	TB 080107	FB 080207	TB 080207
Matrix Depth Interval (ft)		Water Quality	Water Quality	Water Quality	Water Quality	Water Quality -
		-	-	-	-	
Date Sampled	-	07/30/07	07/31/07	08/01/07	08/02/07	08/02/07
Parameter	Units	Trip Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)	Field Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds						
Benzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U
Ethylbenzene	UG/L	10 U	10 UJ	10 UJ	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U	10 U	10 U
Xylene (total)	UG/L	10 U	10 U	10 U	10 U	10 U
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	NA	NA	NA	10 U	NA
Acenaphthene	UG/L	NA	NA	NA	10 U	NA
Acenaphthylene	UG/L	NA	NA	NA	10 U	NA
Anthracene	UG/L	NA	NA	NA	10 U	NA
Benzo(a)anthracene	UG/L	NA	NA	NA	10 U	NA
Benzo(a)pyrene	UG/L	NA	NA	NA	10 U	NA
Benzo(b)fluoranthene	UG/L	NA	NA	NA	10 U	NA
Benzo(g,h,i)perylene	UG/L	NA	NA	NA	10 U	NA
Benzo(k)fluoranthene	UG/L	NA	NA	NA	10 U	NA
Chrysene	UG/L	NA	NA	NA	10 U	NA
Dibenz(a,h)anthracene	UG/L	NA	NA	NA	10 U	NA
Fluoranthene	UG/L	NA	NA	NA	10 U	NA
Fluorene	UG/L	NA	NA	NA	10 U	NA
Indeno(1,2,3-cd)pyrene	UG/L	NA	NA	NA	10 U	NA
Naphthalene	UG/L	NA	NA	NA	10 U	NA
Phenanthrene	UG/L	NA	NA	NA	10 U	NA
Pyrene	UG/L	NA	NA	NA	10 U	NA

Flags assigned during chemistry validation are shown.

Location ID	_	FIELDQC	FIELDQC	FIELDQC	FIELDQC	FIELDQC
Sample ID		TB073007	TB 073107	TB 080107	FB 080207	TB 080207
Matrix		Water Quality	Water Quality	Water Quality	Water Quality	Water Quality
Depth Interval (ft)		- 07/30/07	-	-	-	-
Date Sampled			07/31/07	08/01/07	08/02/07	08/02/07
Parameter	Units	Trip Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)	Field Blank (1-1)	Trip Blank (1-1)
Metals						
Iron	UG/L	NA	NA	NA	39.9 J	NA
Dissolved Metals						
Iron	UG/L	NA	NA	NA	3.8 J	NA
Miscellaneous Parameters						
Alkalinity, Total (as CaCO3)	UG/L	NA	NA	NA	1,000 U	NA
Nitrate-Nitrogen	UG/L	NA	NA	NA	100 U	NA
Nitrite-Nitrogen	UG/L	NA	NA	NA	100 U	NA
Sulfate (as SO4)	UG/L	NA	NA	NA	5,000 U	NA
Heterotrophic Plate Count	CFU/ML	NA	NA	NA	41	NA
Dissolved Gases						
Carbon dioxide	UG/L	NA	NA	NA	1,000 U	NA
Methane	UG/L	1 U	1 U	NA	1 U	1 U

Flags assigned during chemistry validation are shown.

Location ID		FIELDQC	FIELDQC	
Sample ID		TB080307	TB080607	
Matrix		Water Quality	Water Quality	
Depth Interval (ft)		-	-	
Date Sampled	_	08/03/07	08/06/07	
Parameter	Units	Trip Blank (1-1)	Trip Blank (1-1)	
Volatile Organic Compounds				
Benzene	UG/L	10 U	10 U	
Ethylbenzene	UG/L	10 U	10 U	
Toluene	UG/L	10 U	10 U	
Xylene (total)	UG/L	10 U	10 U	
Semivolatile Organic Compounds				
2-Methylnaphthalene	UG/L	NA	NA	
Acenaphthene	UG/L	NA	NA	
Acenaphthylene	UG/L	NA	NA	
Anthracene	UG/L	NA	NA	
Benzo(a)anthracene	UG/L	NA	NA	
Benzo(a)pyrene	UG/L	NA	NA	
Benzo(b)fluoranthene	UG/L	NA	NA	
Benzo(g,h,i)perylene	UG/L	NA	NA	
Benzo(k)fluoranthene	UG/L	NA	NA	
Chrysene	UG/L	NA	NA	
Dibenz(a,h)anthracene	UG/L	NA	NA	
Fluoranthene	UG/L	NA	NA	
Fluorene	UG/L	NA	NA	
Indeno(1,2,3-cd)pyrene	UG/L	NA	NA	
Naphthalene	UG/L	NA	NA	
Phenanthrene	UG/L	NA	NA	
Pyrene	UG/L	NA	NA	

Flags assigned during chemistry validation are shown.

Location ID Sample ID		FIELDQC TB080307	FIELDQC TB080607
Matrix	Water Quality	Water Quality	
Depth Interval (ft)		-	-
Date Sampled		08/03/07	08/06/07
Parameter	Units	Trip Blank (1-1)	Trip Blank (1-1)
Metals			
Iron	UG/L	NA	NA
Dissolved Metals			
Iron	UG/L	NA	NA
Miscellaneous Parameters			
Alkalinity, Total (as CaCO3)	UG/L	NA	NA
Nitrate-Nitrogen	UG/L	NA	NA
Nitrite-Nitrogen	UG/L	NA	NA
Sulfate (as SO4)	UG/L	NA	NA
Heterotrophic Plate Count	CFU/ML	NA	NA
Dissolved Gases			
Carbon dioxide	UG/L	NA	NA
Methane	UG/L	NA	1 U

Flags assigned during chemistry validation are shown.

APPENDIX A VALIDATED FORM 1'S

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.

HIMW-1D

Lab Name: H2M LABS, INC.

Contract:

Matrix: (soil/water) WATER

Lab Sample ID: 0708517-001A

Sample wt/vol: $\frac{5}{2}$ (g/mL) \underline{ML} Lab File ID: $\underline{7}$

Level: (low/med) LOW

Date Received: 07/24/07

% Moisture: not dec.

Date Analyzed: 07/26/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

CAS NO.	COMPOUND (µ	g/L or µg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene	10	υ
108-88-3	Toluene	10	Ü
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	Ū

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NΩ

HIMW-2D

Lab Name:	H2M LABS,	INC.	Contra	.ct:	
Lab Code:	10478	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS003
Matrix: (so	il/water)	WATER		Lab Sample ID:	0708980-003A
Sample wt/v	ol: <u>5</u>	(g/mL) <u>wr</u>	Lab File ID:	7\P37350.D
Level: (1	ow/med)	LOW		Date Received:	08/06/07
% Moisture:	not dec.			Date Analyzed:	08/13/07
GC Column:	R-502.2	ID:	.53 (mm)	Dilution Factor:	1.00
Soil Extrac	t Volume:		(μ <u>L</u>)	Soil Aliquot Volu	ime (μL)
				CONCEN	TRATION UNITS:

CAS NO.		COMPOUND (μg/L or	μg/Kg) <u>UG/L</u>	Q
7	1-43-2	Benzene		10	U
10	8-88-3	Toluene		10	U
10	0-41-4	Ethylbenzene		10	U
133	0-20-7	Xylene (total)		10	Ü

EPA SAMPLE NO.

HIMW-2I

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS
 SAS No.:
 SDG No.:
 KEY-URS003

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708980-004A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37351.D

 Level:
 (low/med)
 LOW
 Date Received:
 08/06/07

 % Moisture:
 not dec.
 Date Analyzed:
 08/13/07

 GC Column:
 R-502.2
 ID:
 .53
 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) $\underline{\text{UG/L}}$	Q
71-43	-2 Benzene	10	U
108-88	-3 Toluene	10	U
100-41-	-4 Ethylbenzene	10	Ü
1330-20-	-7 Xylene (total)	10	U

OLM04.2

EPA SAMPLE NO.

HIMW-25

Lab Name: H	2M LABS, II	NC.	Co	ontract:			
Lab Code: 10	0478	Case No.:	KEY-URS	SAS No	.:	SDG No.:	KEY-URS003
Matrix: (soil	l/water)	WATER		La	b Sample ID:	0709039-00	<u>3A</u>
Sample wt/vol	1: <u>5</u>	(g/mL)	ML	La	b File ID:	7\P37354.D	!
Level: (low	w/med)	LOW		Da	te Received:	08/06/07	
% Moisture: r	not dec.			Da	te Analyzed:	08/13/07	
GC Column:	<u>R-502.2</u>	ID:	<u>.53</u> (m	um) Di	lution Factor:	1.00	
Coil Pytract	Volume		(uL)	So	il Aliquot Volu	me	(μ L)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) $\underline{\text{UG/L}}$	Q
71-43-	2 Benzene	10	U
108-88-	3 Toluene	10	U
100-41-	4 Ethylbenzene	10	U
1330-20-	7 Xylene (total)	10	Ŭ

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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HIMW-3	D	

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS SAS No.:
 SDG No.:
 KEY-URS001

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708713-003A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37210.D

 Level:
 (low/med)
 LOW
 Date Received:
 07/27/07

 % Moisture:
 not dec.
 Date Analyzed:
 08/03/07

 GC Column:
 R-502.2
 ID:
 .53 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
71-43-2	Benzene	10	ן ט
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	TI T

EPA SAMPLE NO.

HIMW-3I

Lab Name:	H2M LABS, I	INC.	Contra	ct:	
Lab Code:	10478	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS001
Matrix: (so	il/water)	WATER		Lab Sample ID:	0708641-004A
Sample wt/v	ol: <u>5</u>	(g/mL) ML	Lab File ID:	7\P37206.D
Level: (1	ow/med)	FOM		Date Received:	07/26/07
% Moisture:	not dec.			Date Analyzed:	08/03/07
GC Column:	R-502.2	ID	.53 (mm)	Dilution Factor:	1.00
Soil Extrac	t Volume:	- <u></u>	(μL)	Soil Aliquot Volu	ime (μL)

CAS NO.	COMPOUND	(hg/r or hg/kg) ng/r	Q
71-43-2	Benzene	10	Ü
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	Ü
1330-20-7	Xylene (total)	10	Ü
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.

HIMW-3S

Lab Name: H2M LABS, INC. Contract:

Matrix: (soil/water) WATER Lab Sample ID: 0708594-003A

Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{7 \setminus P37113.D}$

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. Date Analyzed: 07/26/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

1330-20-7 Xylene (total)

Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

CAS NO.	COMPOUND	(µg/L or	μg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene		10	U
108-88-3	Toluene		10	U
100-41-4	Ethylbenzene		10	U

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_	EPA	SAMPLE	NO.	
	німи	V-4D		

Lab Name: H2M LABS, INC. Contr	act:	
Lab Code: 10478 Case No.: KEY-URS SA	S No.:	SDG No.: KEY-URS003
Matrix: (soil/water) WATER	Lab Sample ID:	0709039-004A
Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML}	Lab File ID:	7\P37355.D
Level: (low/med) LOW	Date Received:	08/06/07
% Moisture: not dec.	Date Analyzed:	08/13/07
GC Column: <u>R-502.2</u> ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume: (µL)	Soil Aliquot Volu	ume(µL)

CAS NO.	COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) \underline{UG/L}$	Q
71~43	-2 Benzene	10	U
108-86	-3 Toluene	10	Ü
100-41	-4 Ethylbenzene	10	U
1330-20	-7 Xvlene (total)	10	บ

EPA SAMPLE NO.

HIMW-41

Lab Name:	H2M LABS,	INC.	Contra	act:	
Lab Code:	10478	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS003
Matrix: (so	il/water)	WATER		Lab Sample ID:	0708926-002A
Sample wt/ve	ol: <u>5</u>	(g/mL)	ML	Lab File ID:	7\P37283.D
Level: (1	ow/med)	TOM		Date Received:	08/02/07
% Moisture:	not dec.			Date Analyzed:	08/08/07
GC Column:	R-502.2	ID:	.53 (mm)	Dilution Factor:	1.00
Soil Extract	t Volume:		(μҍ)	Soil Aliquot Volu	ıme (μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) UG/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	บ
100-41-4	Ethylbenzene	10	U
1330-20-7	Xvlene (total)	10	U

EPA SAMPLE NO.

HIMW-4S

Lab Name: H2M	LABS, INC.	Contrac	ct:	
Lab Code: 1047	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS002
Matrix: (soil/w	vater) WATER		Lab Sample ID:	0708808-003A
Sample wt/vol:	<u>5</u> (g/mL)	ML	Lab File ID:	7\P37218.D
Level: (low/m	ned) <u>LOW</u>		Date Received:	07/31/07
% Moisture: not	dec.		Date Analyzed:	08/03/07
GC Column: R-	502.2 ID:	.53 (mm)	Dilution Factor:	1.00
Soil Extract Vo	olume:	(μ L)	Soil Aliquot Volu	ıme (μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
	Xylene (total)	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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HIMW-5D	

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS SAS No.:
 SDG No.:
 KEY-URS002

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708808-004A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37219.D

 Level:
 (low/med)
 LOW
 Date Received:
 07/31/07

 % Moisture:
 not dec.
 Date Analyzed:
 08/03/07

 GC Column:
 R-502.2
 ID:
 .53
 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

CAS NO.	COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) \underline{UG/L}$	Q
71-43-2	Benzene	10	Ü
108-88-3	Toluene	4	J
100-41-4	Ethylbenzene	10	Ŭ
	Xylene (total)	58	L

EPA	SAMPLE	NΩ
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HIMW-5I

Lab Name:	H2M LABS,	INC.	Co	ontract:		
Lab Code:	10478	Case No.:	KEY-URS	SAS No.:	 SDG No.:	KEY-URS002

Matrix: (soil/water) WATER Lab Sample ID: 0708763-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 7\P37214.p

Sample wt/vol: $\frac{5}{2}$ (g/mL) ML Lab File ID: $\frac{7 \cdot p37214 \cdot p}{2}$ Level: (low/med) LOW Date Received: $\frac{07/30/07}{2}$

% Moisture: not dec. Date Analyzed: 08/03/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μL) Soil Aliquot Volume (μL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71~4	3-2 Benzene	7	J
108-8	8-3 Toluene	3	J
100-4	1-4 Ethylbenzene	3	
1330-2	0-7 Xylene (total)	1.70	·

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-5S

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water) WATER Lab Sample ID: 0708808-005A

Sample wt/vol: $\frac{5}{2}$ (g/mL) \underline{ML} Lab File ID: $\underline{7}\underline{7}\underline{7}\underline{220.D}$

Level: (low/med) LOW Date Received: 07/31/07

% Moisture: not dec. Date Analyzed: 08/03/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume (µL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1220 20-7	Yylene (total)	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-6D

Lab Name: H2M LABS,	INC. Contra	act:	
Lab Code: 10478	Case No.: KEY-URS SAS	Мо.:	SDG No.: KEY-URS003
Matrix: (soil/water)	WATER	Lab Sample ID:	0708926-003A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	7\P37284.D
Level: (low/med)	FOM	Date Received:	08/02/07
% Moisture: not dec.		Date Analyzed:	08/08/07
GC Column: R-502.2	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(μ L)	Soil Aliquot Vol	ume(μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
71-43-	2 Benzene	10	Ū
108-88-	3 Toluene	10	U
100-41-	4 Ethylbenzene	10	Ŭ
1330-20-	7 Xylene (total)	3	J

71-43-2

108-88-3

100-41-4

1330-20-7

Benzene

Toluene

Ethylbenzene

Xylene (total)

EPA SAMPLE NO.

HIMW-6I

Lab Name:	H2M LABS,	INC.	C	ontra	ct:			
Lab Code:	10478	Case No.:	KEY-URS	SAS	No.:	· · · · · · · · · · · · · · · · · · ·	SDG No.:	KEY-URS003
Matrix: (so	oil/water)	WATER			Lab S	Sample ID:	0708926-0	04A
Sample wt/v	rol: <u>5</u>	(g/mL) <u>ML</u>		Lab I	File ID:	7\P37285.	D
Level: (1	.ow/med)	TOM			Date	Received:	08/02/07	
% Moisture:	not dec.				Date	Analyzed:	08/08/07	
GC Column:	R-502.2	ID	: <u>.53</u> (π	nm)	Dilut	cion Factor:	1.00	
Soil Extrac	t Volume:	***************************************	(μL)		Soil	Aliquot Volu	ıme	(μL)
						CONCEN	TRATION UN	ITS:
CAS NO.		COMPOUND				(μg/L	or μg/Kg) <u>u</u>	JG/L Q

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EPA SAMPLE NO.

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-7D

Lab Name:	H2M LABS, 1	INC.	Contract:			
Lab Code:	10478	Case No.: KEY-UR	s sas no.:	· · · · · · · · · · · · · · · · · · ·	SDG No.:	KEY-URS003
Matrix: (so	oil/water)	WATER	Lab	Sample ID:	0708926-00)5 <u>A</u>
Sample wt/v	rol: <u>5</u>	(g/mL) ML	Lab	File ID:	7\P37286.1	2
Level: (1	ow/med)	TOM	Date	Received:	08/02/07	
% Moisture:	not dec.		Date	Analyzed:	08/08/07	
GC Column:	R-502.2	ID: <u>.53</u>	(mm) Dilu	tion Factor:	1.00	
Soil Extrac	t Volume:	(μL)	Soil	Aliquot Volu	me	_ (μ L)
				GOVGEN		T.M.C

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) $\overline{\text{UG/L}}$	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U

EPA SAMPLE NO.

HIMW-7I

Lab Name:	H2M LABS,	INC.	Contra	ct:	
Lab Code:	10478	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS003
Matrix: (so	il/water)	WATER		Lab Sample ID:	0708926-006A
Sample wt/v	ol: <u>5</u>	(g/mL)	ML	Lab File ID:	7\P37287.D
Level: (1	ow/med)	TOM		Date Received:	08/02/07
% Moisture:	not dec.			Date Analyzed:	08/08/07
GC Column:	R-502.2	ID:	.53 (mm)	Dilution Factor:	1.00
Soil Extrac	t Volume:		(μL)	Soil Aliquot Volu	ıme (μL)

CAS NO.	COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) \frac{UG/L}{L}$	Q
71-43-	Benzene	10	U
108-88-	Toluene	10	Ŭ
100-41-	1 Ethylbenzene	10	U
1330-20-	7 Xylene (total)	10	U

EPA SAMPLE NO.

HIMW-8D

Lab Name: H2M LABS,	INC. C	ontract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708808-006A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	7\P37226.D
Level: (low/med)	LOW	Date Received:	07/31/07
% Moisture: not dec.		Date Analyzed:	08/03/07
GC Column: R-502.2	ID: <u>.53</u> (r	nm) Dilution Factor	: 1.00
enil Extract Volume:	(uL)	Soil Aliquot Vo	lume (μL)

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
71-4	3-2 Benzene	10	U 7
1	8-3 Toluene	1	J
100-4	1-4 Ethylbenzene	10	U:I
1220.2	0-7 Yylene (total)	10	U

71-43-2

108-88-3

100-41-4

1330-20-7

Benzene

Toluene

Ethylbenzene

Xylene (total)

EPA SAMPLE NO.

I8-WMIH

Lab Name: H2M LABS,	INC. Contra	ct:	
Lab Code: <u>10478</u>	Case No.: <u>KEY-URS</u> SAS	No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708870-002A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	7\P37240.D
Level: (low/med)	LOW	Date Received:	08/01/07
% Moisture: not dec.		Date Analyzed:	08/03/07
GC Column: R-502.2	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(μL)	Soil Aliquot Volu	ıme(μL)
		CONCEN	TRATION UNITS:
CAS NO	COMPOUND	(µg/L	or µg/Kg) UG/L Q

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO
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HIMW-85

Lab Name:	H2M LABS, I	INC.	Conti	act:	
Lab Code:	10478	Case No.:	KEY-URS SA	S No.:	SDG No.: KEY-URS002
Matrix: (so	oil/water)	WATER		Lab Sample ID:	0708870-003A
Sample wt/v	701: <u>5</u>	(g/mL) <u>wr</u>	Lab File ID:	7\P37241.D
Level: (1	.ow/med)	LOW		Date Received:	08/01/07
% Moisture:	not dec.			Date Analyzed:	08/03/07
GC Column:	R-502.2	ID	: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extrac	ct Volume:	····	(μ L)	Soil Aliquot Vol	ume (µL)
				CONCE	NTRATION UNITS:

CAS NO.		COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
71	-43-2	Benzene	10	บรา
108	-88-3	Toluene	10	ַ
100	-41-4	Ethylbenzene	10	D.A.
1330	-20-7	Xylene (total)	10	U

aliston

EPA SAMPLE NO.

HIMW-9D

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS
 SAS No.:
 SDG No.:
 KEY-URS002

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708870-004A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37242.D

 Level:
 (low/med)
 LOW
 Date Received:
 08/01/07

 % Moisture:
 not dec.
 Date Analyzed:
 08/03/07

 GC Column:
 R-502.2
 ID:
 .53 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/kg) <u>UG/L</u>	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	1	J
100-41-4	Ethylbenzene	10	ひさ
	Xylene (total)	10	U

11/15/0/2

EPA SAMPLE NO.

HIMW-9I

Lab Name: H2M LABS	, INC. Cont	ract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS SA	AS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708870-005A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	7\P37243.D
Level: (low/med)	LOW	Date Received:	08/01/07
% Moisture: not dec.		Date Analyzed:	08/03/07
GC Column: R-502.2	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(μL)	Soil Aliquot Vol	ume (µL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) UG/L	Q
71-43-2	Benzene	10	D.Q.
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U T
	Xylene (total)	10	U

:115/07m

KEY-URS002/002F S130

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-9S

EPA SAMPLE NO.

Lab	Name:	H2M LABS, INC.	Contract:	
Lab	Name:		Contract:	

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Lab Sample ID: 0708870-006A WATER Matrix: (soil/water)

Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{7}$ \P37280.D

Date Received: 08/01/07 Level: (low/med) LOW

Date Analyzed: 08/08/07 % Moisture: not dec.

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
71-43	-2 Benzene	10	U
108-88	-3 Toluene	10	U
100-41	-4 Ethylbenzene	10	U
· · · · · · · · · · · · · · · · · · ·	-7 Xylene (total)	10	U

HIMW-10D

Lab Name:	H2M LABS, I	INC.	Co	ntract	:		
Lab Code:	10478	Case No.;	KEY-URS	SAS No).:	SDG No.:	KEY-URS002
Matrix: (soi	il/water)	WATER		La	ab Sample ID:	0708977-00	<u>1A</u>
Sample wt/vo	ol: <u>5</u>	(g/mL) <u>ML</u>	Ľа	ab File ID:	7\P37291.D	
Level: (lo	ow/med)	TOM		Da	ate Received:	08/03/07	
% Moisture:	not dec.			Dā	ate Analyzed:	08/08/07	
GC Column:	R-502.2	ID:	: <u>.53</u> (m	m) Di	ilution Factor:	1.00	
Soil Extract	t Volume:		(μ L)	S	oil Aliquot Volu	ıme	(µL)

CAS NO.		COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) UG/L$	Q
7	1-43-2	Benzene	10	ซ
10	8-88-3	Toluene	10	U
10	0-41-4	Ethylbenzene	10	U
133	0-20-7	Xvlene (total)	10	U

EPA	SAMPLE	NO.	
нім	V-10I		

Lab Name: <u>H2M LABS</u> ,	INC. Contra	ct:	
Lab Code: <u>10478</u>	Case No.: KEY-URS SAS	No.:	SDG No.: KEY-URS003
Matrix: (soil/water)	WATER	Lab Sample ID:	0708926-001A
Sample wt/vol: $\frac{5}{2}$	(g/mL) <u>ML</u>	Lab File ID:	7\P37282.D
Level: (low/med)	rom	Date Received:	08/02/07
% Moisture: not dec.		Date Analyzed:	08/08/07
GC Column: R-502.2	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(µL)	Soil Aliquot Volu	ıme(μL)

	CAS NO.	COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) \underline{UG/L}$	Q
-	71-43-2	Benzene	10	U
į	108-88-3	Toluene	10	U
į	100-41-4	Ethylbenzene	10	U
į	1330-20-7	Xylene (total)	10	U

EPA SAMPLE NO.

HIMW-10S

Lab Name:	H2M LABS,	INC.	Contra	ct:	
Lab Code:	10478	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS003
Matrix: (so	il/water)	WATER		Lab Sample ID:	0709039-001A
Sample wt/v	ol: <u>5</u>	(g/mL) <u>ML</u>	Lab File ID:	7\P37352.D
Level: (1	ow/med)	TOM		Date Received:	08/06/07
% Moisture:	not dec.			Date Analyzed:	08/13/07
GC Column:	R-502.2	ID	: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extrac	t Volume:		(μL)	Soil Aliquot Volu	me(μL)
				CONCEN	TOATION INTEG

CONCENTRATION	UNITS:	

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	Ŭ
1330-20-7	Xylene (total)	10	Ü

EPA SAMPLE NO.

1.A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS003 Matrix: (soil/water) WATER Lab Sample ID: 0708980-001A Sample wt/vol: $5 (g/mL) \underline{ML}$ Lab File ID: <u>7\P37348.D</u> Level: (low/med) LOW Date Received: 08/06/07 % Moisture: not dec. Date Analyzed: 08/13/07 GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00Soil Extract Volume: (μL) Soil Aliquot Volume ____(μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) UG/L	Q
71-4	3-2 Benzene	10	U
108-8	3-3 Toluene	1.0	U
100-4	1-4 Ethylbenzene	10	U
1330-2	0~7 Xvlene (total)	10	[]

1.A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-111

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS SAS No.:
 SDG No.:
 KEY-URS003

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708980-002A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37349.D

 Level:
 (low/med)
 LOW
 Date Received:
 08/06/07

 % Moisture:
 not dec.
 Date Analyzed:
 08/13/07

 GC Column:
 R-502.2
 ID: _53
 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (µL)
 Soil Aliquot Volume
 (µL)

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	Ü
100-41-4	Ethylbenzene	10	Ü
1330-20-7	Xvlene (total)	10	11

EPA SAMPLE NO.

HIMW-12D

Lab Name: H2M LABS	, INC. Contra	.ct:	
Lab Code: 10478	Case No.: <u>KEY-URS</u> SAS	No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708808-001A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	7\P37216.D
Level: (low/med)	TOM	Date Received:	07/31/07
% Moisture: not dec.		Date Analyzed:	08/03/07
GC Column: R-502.2	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(μL)	Soil Aliquot Volu	lme (μL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
	Xylene (total)	10	ַ ט

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA DAMPUL NO	EPA	SAMPLE	NO
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HIMW-12I

Lab Name: H2M LABS,	INC. Contra	ict:		
Lab Code: 10478	Case No.: <u>KEY-URS</u> SAS	No.:	SDG No.: KEY-URSO	02
Matrix: (soil/water)	WATER	Lab Sample ID:	0708763-001A	
Sample wt/vol: $\frac{5}{2}$	(g/mL) ML	Lab File ID:	7\P37213.D	
Level: (low/med)	TOM	Date Received:	07/30/07	
% Moisture: not dec.		Date Analyzed:	08/03/07	
GC Column: <u>R-502.2</u>	ID: <u>.53</u> (mm)	Dilution Factor:	1.00	
Soil Extract Volume:	(µЪ)	Soil Aliquot Vol	ume(μL)	
		CONCE	NTRATION UNITS:	
CAS NO.	COMPOUND	(μg/L	or μg/Kg) UG/L	Q
71-43-2	Benzene		26	
108-88-3	Toluene		10	U
100-41-4	Ethylbenzene		15	
1330-20-7	Xylene (total)		22	

VOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-12s		

Lab Name: H2M LABS,	INC. Contrac	ct:	
Lab Code: 10478	Case No.: KEY-URS SAS	No.:	SDG No.: KEY-URS001
Matrix: (soil/water)	WATER	Lab Sample ID:	0708641-001A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	7\P37203.D
Level: (low/med)	FOM	Date Received:	07/26/07
% Moisture: not dec.		Date Analyzed:	08/03/07
GC Column: R-502.2	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(μ L)	Soil Aliquot Volu	ıme (μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
71-43-2	Benzene	10	υ
108-88-3	Toluene	10	Ü
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-13D

Lab Name:	H2M LABS, 1	INC.	Co	ontra	ct:		
Lab Code:	10478	Case No.:	KEY-URS	SAS	No.:	SDG No.:	KEY-URS001
Matrix: (so	il/water)	WATER			Lab Sample ID:	0708641-00	<u>2A</u>
Sample wt/v	ro1: <u>5</u>	(g/mL) ML		Lab File ID:	7\P37204.D	
Level: (1	ow/med)	<u>LOW</u>			Date Received:	07/26/07	
% Moisture:	not dec.				Date Analyzed:	08/03/07	
GC Column:	R-502.2	ID:	.53 (m	ım)	Dilution Factor:	1.00	
Soil Extrac	t Volume:		(μ L)		Soil Aliquot Volu	me	(μ L)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) U <u>G/L</u>	Q
71-43-2	Benzene	4 ,	J
108-88-3	Toluene	10	Ü
	Ethylbenzene	10	U
1330-20-7	Xylene (total)	5	J

HIMW-13I	

Lab Name: H2M LABS, INC. Contract: Matrix: (soil/water) WATER Lab Sample ID: 0708713-001A Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{7}$ \P37208.D Level: (low/med) LOW Date Received: 07/27/07 % Moisture: not dec. Date Analyzed: 08/03/07 GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
71-43-	2 Benzene	140	
108-88-	3 Toluene	10	Ü
100-41-	1 Ethylbenzene	3	J
1330-20-	7 Xylene (total)	9	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-13S

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS SAS No.:
 SDG No.:
 KEY-URS001

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708713-002A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37209.D

 Level:
 (low/med)
 LOW
 Date Received:
 07/27/07

 % Moisture:
 not dec.
 Date Analyzed:
 08/03/07

 GC Column:
 R-502.2
 ID:
 .53 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

	CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
-	71-43-2	Benzene	10	U
	108-88-3	Toluene	10	U
	100-41-4	Ethylbenzene	10	Ü
	1330-20-7	Xylene (total)	10	U

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-14D

CAS NO.		COMPOUND	$(\mu g/L)$	or µg/Kg) <u>UG/L</u>	Q
	71-43-2	Benzene		10	Ü
	108-88-3	Toluene		10	Ü
	100-41-4	Ethylbenzene		10	Ū
1.	330-20-7	Xylene (total)		10	Ü

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.
UTVE		

nan wame:	H2M LABS, INC.	Contract:	

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water) WATER Lab Sample ID: 0708641-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 7\P37205.D

Level: (low/med) LOW Date Received: 07/26/07

% Moisture: not dec. Date Analyzed: 08/03/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μL) Soil Aliquot Volume (μL)

	CAS NO.	COMPOUND	co	NCENTRA	TION UNITS:		
	71-43-2				μg/Kg) <u>UG/L</u>		
	108-88-3	Toluene			80	Q	
1	100-41-4	SCHAIDEUSEDE			10	77	
1	1330-20-7	Xylene (total)			86		
4				1	0		

EPA SAMPLE NO.

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-15D

Lab Name:	H2M LABS, I	INC.	Contra	act:	
Lab Code:	10478	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS001
Matrix: (so	il/water)	WATER		Lab Sample ID:	0708594-002A
Sample wt/v	ol: <u>5</u>	(g/mL) <u>ML</u>	Lab File ID:	7\P37112.D
Level: (1	ow/med)	TOM		Date Received:	07/25/07
% Moisture:	not dec.			Date Analyzed:	07/26/07
GC Column:	R-502.2	ID:	.53 (mm)	Dilution Factor:	1.00
Soil Extrac	t Volume:		(μL)	Soil Aliquot Volu	ıme (μL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
71-	43-2 Benzene	10	Ü
108-	88-3 Toluene	10	υ
100-	41-4 Ethylbenzene	10	υ
1330-	20-7 Xvlene (total)	10	υ

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-15I

Lab Name: H2M LABS, INC. Contract:

Matrix: (soil/water) WATER

Lab Sample ID: 0708517-002A

Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{7}$ \P37106.D

Level: (low/med) LOW

Date Received: 07/24/07

% Moisture: not dec.

Date Analyzed: 07/26/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

	CAS NO.	COMPOUND (µg/L or µg/Kg) <u>UG/L</u>	Q
[71-43-2	Benzene	21	
	108-88-3	Toluene	10	U
	100-41-4	Ethylbenzene	10	U
	1330-20-7	Xylene (total)	10	U

EPA SAMPLE NO.

Lab Name: H2M Lanc			11WA-18T
Lab Name: H2M LABS,	INC.	Contract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG W
Matrix: (soil/water)	WATER		SDG No.: KEY-URS002
Sample wt/vol: 5		Lab Sample ID:	0708977-002A
Level: (low/med)	(g/mL) ML	Lab File ID:	7\P37294.D
% Moisture: not dec.	LOW	Date Received:	08/03/07
GC Column: R-502.2		Date Analyzed:	08/08/07
Soil Extract Volume:	ID: .53 (mm	n) Dilution Factor:	1.00
vorume:	(μL)	Soil Aliquot Volu	ne (μL)

	CAS NO.	COMPOUND	CONCENTRATION UNITS:
15	71-43-2	Benzene	(µg/L or µg/Kg) UG/L O
	108-88-3	1 TOTUELLE	1 J
	1330-20-7	Xylene (total)	10 J
Ž,			18

EPA SAMPLE NO.

HIMW-19I

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS SAS No.:
 SDG No.:
 KEY-URS001

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708517-003A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37107.D

 Level:
 (low/med)
 LOW
 Date Received:
 07/24/07

 % Moisture:
 not dec.
 Date Analyzed:
 07/26/07

 GC Column:
 R-502.2
 ID: .53 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

	CAS NO.	COMPOUND	(µg/L or	hg/Kg) UG/L	Q
	71-43-2	Benzene	1	10	U
	108-88-3	Toluene		10	Ü
	100-41-4	Ethylbenzene		10	Ü
	1330-20-7	Xylene (total)		10	U

EPA SAMPLE NO.

HIMW-2005

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS
 SAS No.:
 SDG No.:
 KEY-URS002

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708808-002A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37217.D

 Level:
 (low/med)
 LOW
 Date Received:
 07/31/07

 % Moisture:
 not dec.
 Date Analyzed:
 08/03/07

 GC Column:
 R-502.2
 ID:
 .53
 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
71-4	3-2 Benzene	10	U
108-8	8-3 Toluene	10	υ
100-4	1-4 Ethylbenzene	10	U
1220-2	0-7 Yylene /total)	10	U

108-88-3

100-41-4

1330-20-7

Toluene

Ethylbenzene Xylene (total) EPA SAMPLE NO.

HIMW-201S

Lab Name: H2M	LABS,	INC.	Co	ontract	:			
Lab Code: 104	78	Case No.:	KEY-URS	SAS N	o.:	_ SDG No.:	KEY-U	RS002
Matrix: (soil/w	water)	WATER		L	ab Sample ID	0708870-0	001A	
Sample wt/vol:	5	(g/mĽ) <u>ML</u>	L	ab File ID:	7\P37239	<u>. D</u>	
Level: (low/r	ned)	TOM		D	ate Received	: 08/01/07		
% Moisture: not	dec.			מ	ate Analyzed	: 08/03/0	7_	
GC Column: R-	502.2	ID	: <u>.53</u> (m	um) D	ilution Fact	or: <u>1.00</u>		
Soil Extract Vo	olume:		(μL)	S	oil Aliquot	Volume	(μL)	
					CO	NCENTRATION U	NITS:	
CAS NO.		COMPOUND			(μς	g/L or µg/Kg)	UG/L	Q
71-	43-2	Benzene				10		U T

1/15/07/1

10

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-2028

Lab Name:	H2M LABS,	INC.	Co	ontrac	::		
Lab Code:	10478	Case No.:	KEY-URS	SAS	No.:	SDG No.:	KEY-URS003
Matrix: (so	il/water)	WATER			Lab Sample ID:	0709039-00)2A
Sample wt/v	ol: <u>5</u>	(g/mL) <u>ML</u>		Lab File ID:	7\P37353.I	2
Level: (1	ow/med)	LOW			Date Received:	08/06/07	
% Moisture:	not dec.				Date Analyzed:	08/13/07	
GC Column:	R-502.2	ID	. <u>.53</u> (n	um)	Dilution Factor:	1.00	
Soil Extrac	t Volume:		(μ L)		Soil Aliquot Volu	ıme	(μ L)

CAS NO.		COMPOUND	(µg/L or µg/kg) UG/L	Q
	71-43-2	Benzene	10	U
	108-88-3	Toluene	10	U
	100-41-4	Ethylbenzene	10	U
1	330-20-7	Xvlene (total)	10	U

EPA SAMPLE NO.

PZ-02

Lab Name: H2M LABS, INC. Contract:

Matrix: (soil/water) WATER

Lab Sample ID: 0708517-004A

Sample wt/vol: 5 (g/mL) \underline{ML} Lab File ID: $7 \setminus P37108.D$

Level: (low/med) LOW

Date Received: 07/24/07

% Moisture: not dec.

Date Analyzed: 07/26/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

CAS NO.		COMPOUND	(µg/L c	r μg/Kg) UG/L	Q
	71-43-2	Benzene		10	U
10	08-88-3	Toluene		10	Ū
10	00-41-4	Ethylbenzene		10	U
133	30-20-7	Xylene (total)		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.	
PZ-0	12		
F4-1	, s		

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS SAS No.:
 SDG No.:
 KEY-URS001

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708594-004A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37114.D

 Level:
 (low/med)
 LOW
 Date Received:
 07/25/07

 % Moisture:
 not dec.
 Date Analyzed:
 07/26/07

 GC Column:
 R-502.2
 ID:
 .53 (mm)
 Dilution Factor:
 1.00

 Soil Extract Volume:
 (μL)
 Soil Aliquot Volume
 (μL)

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) $\underline{\text{UG/L}}$	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

7/24/07

Lab Name: <u>H2M LABS, INC.</u>

Contract: __

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water) WATER

Lab Sample ID: 0708517-005A

Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{7}$ (P37103.D

Level: (low/med) LOW

Date Received: 07/24/07

% Moisture: not dec.

Date Analyzed: 07/26/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μL) Soil Aliquot Volume (μL)

CAS NO.	COMPOUND	(μg/L or μg/Kg) UG/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	υ

EPA SAMPLE NO.

TRIP BLANK

Lab Name:	H2M LABS,	INC.	Con	tract:	
Lab Code:	10478	Case No.:	KEY-URS 8	SAS No.:	SDG No.: KEY-URS001
Matrix: (so	oil/water)	WATER		Lab Sample ID:	0708594-005A
Sample wt/v	vol: <u>5</u>	(g/mL)	ML	Lab File ID:	7\P37102.D
Level: (1	Low/med)	LOW		Date Received:	07/25/07
% Moisture:	not dec.			Date Analyzed:	07/26/07
GC Column:	R-502.2	ID:	.53 (mm)) Dilution Facto	r: <u>1.00</u>

Soil Extract Volume: (μL) Soil Aliquot Volume (μL)

CAS NO.	COMPOUND ()	ng/L or µg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	Ü
1330-20-7	Xylene (total)	10	Ū

1.A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab	Name:	H2M	LABS,	INC.	Contract:	

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water) WATER Lab Sample ID: 0708641-005A

Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{7}$ (P37207.D

Level: (low/med) LOW Date Received: 07/26/07

% Moisture: not dec. Date Analyzed: 08/03/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Ω
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	Ü

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

TB072707

Lab Name:	H2M LABS,	INC.	c	Contrac	ct:		
Lab Code:	10478	Case No.:	KEY-URS	SAS	No.:	SDG No.:	KEY-URS001
Matrix: (so	oil/water)	WATER			Lab Sample ID:	0708713-00	<u>5A</u>
Sample wt/v	701: <u>5</u>	(g/mL) <u>ML</u>		Lab File ID:	7\P37212.E	!
Level: (1	.ow/med)	FOM			Date Received:	07/27/07	
% Moisture:	not dec.				Date Analyzed:	08/03/07	
GC Column:	R-502.2	ID	: <u>.53</u> (:	mm)	Dilution Factor:	1.00	
Soil Extrac	t Volume:	communications is not the first to the	(μL)	•	Soil Aliquot Volu	ıme	(μL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43	3-2 Benzene	10	U
108-88	8-3 Toluene	10	U
100-43	1-4 Ethylbenzene	10	Ü
1330-20	0-7 Xvlene (total)	10	U

EPA SAMPLE NO.

FB 072707

Lab Name: H2M LABS,	INC. Cont	ract:	
Lab Code: 10478	Case No.: KEY-URS S.	AS No.:	SDG No.: KEY-URS001
Matrix: (soil/water)	WATER	Lab Sample ID:	0708713-004A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	7\P37211.D
Level: (low/med)	LOW	Date Received:	07/27/07
% Moisture: not dec.		Date Analyzed:	08/03/07
GC Column: R-502.2	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	tuτÀ	Soil Alignot Vol	ume (uT.)

COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
Benzene	10	U
Toluene	10	U
Ethylbenzene	10	Ü
Xylene (total)	10	U
	Benzene Toluene Ethylbenzene	Benzene 10 Toluene 10 Ethylbenzene 10

71-43-2

108-88-3

100-41-4

1330-20-7

Benzene

Toluene

Ethylbenzene

Xylene (total)

TB07	3007		

U

U

U

U

10

10

10

10

EPA SAMPLE NO.

Lab Name: H2M LABS,	INC. Contra	ct:
Lab Code: 10478	Case No.: KEY-URS SAS	No.: SDG No.: KEY-URS002
Matrix: (soil/water)	WATER	Lab Sample ID: 0708763-003A
Sample wt/vol: 5	(g/mL) ML	Lab File ID: <u>7\P37215.D</u>
Level: (low/med)	LOW	Date Received: 07/30/07
% Moisture: not dec.		Date Analyzed: 08/03/07
GC Column: <u>R-502.2</u>	ID: .53 (mm)	Dilution Factor: 1.00
Soil Extract Volume:	(μL)	Soil Aliquot Volume μ L
		CONCENTRATION UNITS:
CAC NO	COMPOUND	(ug/L or ug/Kg) UG/L Q

71-43-2

108-88-3

100-41-4

1330-20-7

Benzene

Toluene

Ethylbenzene

Xylene (total)

EPA SAMPLE NO.

TB 073107

Lab Name: H2M L1	ABS, INC.	Contract:			
Lab Code: <u>10478</u>	Case No.: KEY	-URS SAS No.:		SDG No.: KEY-U	RS002
Matrix: (soil/wat	er) WATER	Lab	Sample ID:	0708808-007A	
Sample wt/vol:	<u>5</u> (g/mL) ML	Lab	File ID:	7\P37227.D	
Level: (low/med	LOW LOW	Date	e Received:	07/31/07	
% Moisture: not d	ec.	Date	e Analyzed:	08/03/07	
GC Column: R-50	2.2 ID: .5	3 (mm) Dil	ution Factor:	1.00	
Soil Extract Volu	me:	(μL) Soi	l Aliquot Volu	me (μL)	
			CONCEN	TRATION UNITS:	
CAS NO.	COMPOUND		(µg/L	or μg/Kg) <u>UG/L</u>	Q
71-43	-2 Benzene			10	UJ

11/12/10/24

OLM04.2

10

10

10

VOLATILE ORGANICS ANALYSIS DATA SHEET

1330-20-7 | Xylene (total)

EPA SAMPLE NO.

TB 080107

Lab Name: H2M LABS,	INC. Contra	act:		
Lab Code: 10478	Case No.: KEY-URS SAS	No.:	SDG No.: KEY-U	RS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708870-007A	
Sample wt/vol: $\underline{5}$	(g/mL) ML	Lab File ID:	7\P37238.D	
Level: (low/med)	LOW	Date Received:	08/01/07	
% Moisture: not dec.		Date Analyzed:	08/03/07	
GC Column: <u>R-502.2</u>	ID: <u>.53</u> (mm)	Dilution Factor:	1.00	
Soil Extract Volume:	(μτ.)	Soil Aliquot Volu	ume(μL)	
		CONCE	TRATION UNITS:	
CAS NO.	COMPOUND	(µg/L	or μg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene		10	UI
108-88-3	Toluene		10	U
100-41-4	Ethylbenzene		10	U.T

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.
тв	080207	

Lab Name: H2M LABS,	INC. Contra	nct:	
Lab Code: <u>10478</u>	Case No.: <u>KEY-URS</u> SAS	No.:	SDG No.: KEY-URS003
Matrix: (soil/water)	WATER	Lab Sample ID:	0708926-008A
Sample wt/vol: 5	(g/mL) <u>ML</u>	Lab File ID:	7\P37290.D
Level: (low/med)	TOM	Date Received:	08/02/07
% Moisture: not dec.		Date Analyzed:	08/08/07
GC Column: <u>R-502.2</u>	ID: <u>.53</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(µL)	Soil Aliquot Volu	ıme(μL)

CAS NO.	COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) \frac{UG/L}{L}$	Q
71-43	-2 Benzene	10	U
108-88	-3 Toluene	10	U
100-41	-4 Ethylbenzene	10	U
1330-20)-7 Xylene (total)	10	U

EPA SAMPLE NO.

FB 080207

Lab Name:	H2M LABS, I	NC.	Co	ntrac	et:	
Lab Code:	10478	Case No.:	KEY-URS	SAS	No,:	SDG No.: KEY-URS003
Matrix: (so	il/water)	WATER			Lab Sample ID:	0708926-007A
Sample wt/v	ol: <u>5</u>	(g/mL) <u>мг</u>		Lab File ID:	7\P37289.D
Level: (1	ow/med)	<u>L,OW</u>			Date Received:	08/02/07
% Moisture:	not dec.				Date Analyzed:	08/08/07
GC Column:	R-502.2	ID:	.53 (m	m)	Dilution Factor:	1.00
Soil Extrac	t Volume:	programme and respective to the	(µL)		Soil Aliquot Volu	me(μL)

CAS NO.	COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) \frac{UG/L}{L}$	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	IJ

EPA SAMPLE NO.

TB080307

 Lab Name:
 H2M LABS, INC.
 Contract:

 Lab Code:
 10478
 Case No.:
 KEY-URS SAS No.:
 SDG No.:
 KEY-URS002

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708977-003A

 Sample wt/vol:
 5
 (g/mL) ML
 Lab File ID:
 7\P37295.D

Level: (low/med) LOW Date Received: 08/03/07

% Moisture: not dec. Date Analyzed: 08/08/07

GC Column: R-502.2 ID: .53 (mm) Dilution Factor: 1.00

Soil Extract Volume: (μ L) Soil Aliquot Volume (μ L)

CAS NO.		COMPOUND	$(\mu g/L \text{ or } \mu g/Kg) \frac{UG/L}{L}$	Q
71	43-2	Benzene	10	U
108-	88-3	Toluene	1.0	U
100	41-4	Ethylbenzene	10	U
1330-	20-7	Xylene (total)	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

_	EPA	SAMPLE	NO.	
-	TB08	30607		

Lab Name:	H2M LABS,	INC.	Contra	ct:	
Lab Code:	10478	Case No.:	KEY-URS SAS	No.:	SDG No.: KEY-URS003
Matrix: (so	il/water)	WATER		Lab Sample ID:	0709039-005A
Sample wt/v	ol: <u>5</u>	(g/mL) <u>ML</u>	Lab File ID:	7\P37356.D
Level: (1	ow/med)	TOM		Date Received:	08/06/07
% Moisture:	not dec.			Date Analyzed:	08/13/07
GC Column:	R-502,2	ID:	.53 (mm)	Dilution Factor:	1.00
Soil Extrac	t Volume:	,	(μL)	Soil Aliquot Volu	me (μL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	1.0	U

HIMW-1D

Lab Name: H2M LABS, INC.

Contract:

SDG No.: KEY-URS001

Lab Code: 10478

Matrix: (soil/water) WATER

0708517-001B

Sample wt/vol:

1000

(g/mL)ML

Lab File ID:

SAS No.:

A\C36610.D

Level: (low/med)

LOW

Case No.: KEY-URS

Date Received:

Lab Sample ID:

07/24/07

% Moisture:

Decanted: (Y/N)

Date Extracted:

07/27/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

07/30/07

Injection Volume:

2

(µL)

Dilution Factor:

1.00

GPC Cleanup: (Y/N) N

рН: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.

COMPOUND

($\mu g/L$ or $\mu g/Kg$) $\underline{UG/L}$ Q

91-20-3 Naphthalene 10 U 91-57-6 2-Methylnaphthalene 10 U 208-96-8 10 D Acenaphthylene 83-32-9 Acenaphthene 10 IJ 86-73-7 10 П Fluorene 10 U 85-01-8 Phenanthrene U 10 120-12-7 Anthracene 10 U 206-44-0 Fluoranthene 1 129-00-0 Pyrene J 56-55-3 Benzo(a) anthracene 10 U 218-01-9 Chrysene 10 U 205-99-2 Benzo(b) fluoranthene 10 U UI 207-08-9 Benzo(k) fluoranthene 10 50-32-8 Benzo(a)pyrene 10 U 193-39-5 Indeno(1,2,3-cd)pyrene 10 U 53-70-3 Dibenzo(a, h) anthracene 10 U UT 191-24-2 Benzo(g,h,i)perylene 10

(1) Cannot be separated from Diphenylamine

11/14/0700

KEY-URS003/003F S9

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIM	W-2D	

EPA SAMPLE NO.

Lab Name: <u>H2M LABS</u>	INC.	Cont	ract:		
Lab Code: <u>10478</u>	Case No.:	KEY-URS	SAS No.:	SDG No.:	KEY-URS003
Matrix: (soil/water) WATER		Lab Sample ID:	0708980-0	003B

 Sample wt/vol:
 1000
 (g/mL)
 ML
 Lab File ID:
 A\C36839.D

 Level:
 (low/med)
 LOW
 Date Received:
 08/06/07

 % Moisture:
 Decanted: (Y/N)
 N
 Date Extracted:
 08/08/07

Concentrated Extract Volume: $\underline{1000}$ (μ L) Date Analyzed: $\underline{08/14/07}$ Injection Volume: $\underline{2}$ (μ L) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	σ
120-12-7	Anthracene	1.0	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	υ
218-01-9	Chrysene	10	υ
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a, h) anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

⁽¹⁾ Cannot be separated from Diphenylamine

IM	IMW-2	IMW-2I	IMW-2I	IMW-2I	IMW-2I

Lab Name: H2M LABS, INC.

Contract: ___

Lab Code: 10478

Case No.: KEY-URS SAS No.:

Lab Sample ID:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Level: (low/med)

1000

Lab File ID:

0708980-004B A\C36840.D

Sample wt/vol:

(g/mL) ML

LOW

Date Received: 08/06/07

% Moisture: Decanted: (Y/N) N Date Extracted: 08/08/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

08/14/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	1.0	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	υ
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	Ü

⁽¹⁾ Cannot be separated from Diphenylamine

HIMW-2S	

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS003

Matrix: (soil/water) WATER Lab Sample ID: 0709039-003B

Sample wt/vol: 1000 (g/mL) \underline{ML} Lab File ID: $\underline{A} \setminus C36843.\underline{D}$

Level: (low/med) LOW Date Received: 08/06/07

% Moisture: Decanted: (Y/N) N Date Extracted: 08/08/07

Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{08/14/07}$

Injection Volume: $\underline{2}$ (µL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	υ
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	Ü
205-99-2	Benzo(b) fluoranthene	10	υ
207-08-9	Benzo(k) fluoranthene	10	ប
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	ט
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

HIMW-3D

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS001

Matrix: (soil/water) WATER

Lab Sample ID:

0708713-003B

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C36672.D

Level: (low/med)

LOW

Date Received:

07/27/07

% Moisture:

Decanted: (Y/N) N

Date Extracted:

08/01/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

08/02/07

Injection Volume: $\underline{2}$ (μ L)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) \underline{N} pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	10	Ū
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	υs
50-32-8	Benzo(a)pyrene	10	Ŭ
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

11/14/07 AL

1000

Lab Name: H2M LABS, INC.

Sample wt/vol:

HIMW-3I

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Contract:

Lab File ID:

Matrix: (soil/water) WATER Lab Sample ID: 0708641-004B

Level: (low/med) LOW Date Received: 07/26/07

(g/mL) ML

% Moisture: Decanted: (Y/N) N Date Extracted: 07/27/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 07/31/07

Injection Volume: $\underline{2}$ (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) \underline{N} pH: ____ Extraction: (Type) \underline{SEPF}

CONCENTRATION UNITS:

A\C36625.D

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	Ū

Н	Τľ	ИW	.	3	S

Lab Name: H2M LABS, INC. Contract: _____ Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001 Matrix: (soil/water) WATER Lab Sample ID: 0708594-003B 1000 Lab File ID: Sample wt/vol: (g/mL) MLA\C36620.D Level: (low/med) LOW Date Received: 07/25/07 % Moisture: Decanted:(Y/N) <u>N</u> Date Extracted: 07/27/07 Concentrated Extract Volume: 1000 (µL) Date Analyzed: 07/31/07 Dilution Factor: 1.00 Injection Volume: $\underline{2}$ (μL) Extraction: (Type) SEPF GPC Cleanup: (Y/N) \underline{N} pH: ____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	υ
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

⁽¹⁾ Cannot be separated from Diphenylamine

EPA SAMPLE NO.

HIMW-4D

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Sample wt/vol: $\underline{1000}$ (g/mL) \underline{ML} Lab File ID:

0709039-004B

A\C36844.D

Level: (low/med)

LOW

Date Received:

Lab Sample ID:

08/06/07

% Moisture: Decanted: (Y/N) No Date Extracted: 08/08/07

08/14/07

Injection Volume: $\underline{2}$ (µL)

Concentrated Extract Volume: 1000 (µL) Date Analyzed:

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	υ
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	Ü

Lab Name: H2M LABS,	INC. Cont	ract:	111111111111
Lab Code: <u>10478</u>	Case No.: <u>KEY-URS</u>	SAS No.:	SDG No.: KEY-URS003
Matrix: (soil/water)	WATER	Lab Sample ID:	0708926-002B
Sample wt/vol:	1000 (g/mL) <u>ML</u>	Lab File ID:	A\C36824.D
Level: (low/med)	LOW	Date Received:	08/02/07
% Moisture:	Decanted: (Y/N) N	Date Extracted:	08/07/07
Concentrated Extract	Volume: <u>1000</u> (μL)	Date Analyzed:	08/13/07
Injection Volume:	<u>2</u> (pL)	Dilution Factor:	1.00
GPC Cleanup: (Y/N)	<u>и</u> рн:	Extraction: (Type)	SEPF

CONCENTRATION UNITS

		CONCENTRATION UNITS:		
CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q	
91-20-3	Naphthalene	10	U	
91-57-6	2-Methylnaphthalene	10	Ü	
208-96-8	Acenaphthylene	10	U	
83~32~9	Acenaphthene	10		
86-73-7	Fluorene	10	<u>u</u>	
85-01-8	Phenanthrene	10		
120-12-7	Anthracene	10	Ü	
206-44-0	Fluoranthene	10	U	
129-00-0	Pyrene	10	<u>r:</u>	
56-55-3	Benzo(a)anthracene	10	U	
218-01-9	Chrysene		U	
205-99-2	Benzo(b) fluoranthene	10	_ "	
207-08-9	Benzo(k)fluoranthene		Ü	
50-32-8	Benzo(a)pyrene	10	Ü	
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	
53-70-3	Dibenzo(a, h) anthracene	10	U	
191-24-2	Benzo(g,h,i)perylene	10	U	
	(31.11 riberAtene	10	U	

⁽¹⁾ Cannot be separated from Diphenylamine

EPA SAMPLE NO.

HIMW-4	HΙ	ΜW	-4	s
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Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS002

Matrix: (soil/water) WATER

Lab Sample ID:

Lab File ID:

0708808-003B

Sample wt/vol:

1000

(g/mL) ML

Date Received:

A\C36759.D 07/31/07

Level: (low/med)

LOW

Date Extracted:

% Moisture:

Decanted: (Y/N)

N

08/03/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

08/07/07

Injection Volume: $\underline{2}$ (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	
91-20-3	Naphthalene	6.	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	Ū
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U - 7
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	U

EPA SAMPLE NO.

HIMW-5D

Lab Name: H2M LABS, INC.

Contract:

Lab Sample ID:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water) WATER

0708808~004B

Sample wt/vol:

1000

(g/mL) $M\Gamma$

Lab File ID:

A\C36760.D

Level: (low/med)

LOW

Date Received:

07/31/07

% Moisture: Decanted: (Y/N) N

Date Extracted: 08/03/07

Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{08/07/07}$

Injection Volume: $\underline{2}$ (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) UG/L	^
91-20	-3 Naphthalene		Q
91-57	-6 2-Methylnaphthalene	-67 76	<u> </u>
i: 208-96		11	
83-32		5	J
86-73		10	U
85-01	-8 Phenanthrene	10	U
120-12		10	Ü
206-44	-0 Fluoranthene	10	U
129-00-	-0 Pyrene	10	U
56-55-	-3 Benzo(a)anthracene	10	Ü
218-01-		10	Ü
205-99-		10	U
207-08-		10	U
50-32-		10	U
193-39-		10	U
53-70-	3 Dibenzo(a, h) anthracene	10	07
191-24-		10	Ü
	(3// +/ berArelle	10	11

Cannot be separated from Diphenylamine

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HIMW-5DDL

Lab Name: <u>H2M LABS</u> ,	INC. Cont	ract:		
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG No.: KEY-	URS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708808-004BDI	<u>-</u>
Sample wt/vol:	1000 (g/mL) <u>ML</u>	Lab File ID:	A\C36764.D	
Level: (low/med)	<u>LOW</u>	Date Received:	07/31/07	
% Moisture:	Decanted: (Y/N) N	Date Extracted	d: <u>08/03/07</u>	
Concentrated Extract	Volume: $\underline{1000}$ (μL)	Date Analyzed:	08/07/07	
Injection Volume:	<u>2</u> (μL)	Dilution Facto	or: 2.00	
GPC Cleanup: (Y/N)	<u>й</u> рн:	Extraction: (1	Type) <u>SEPF</u>	
		CC	ONCENTRATION UNITS:	
CAS NO.	сомьорир	()	1g/L or (1g/Kg) UG/L	. Q
91-20-3	Naphthalene		76	D
91-57-6	2-Methylnaphthalene		10	DJ
208-96-8	Acenaphthylene		4	DJ
83-32-9	Acenaphthene		20	Ü
86-73-7	Fluorene		20	Ü
85-01-8	Phenanthrene		20	U
120-12-7	Anthracene		20	υ
206-44-0	Fluoranthene		20	υ
129-00-0	Pyrene		20	U
56-55-3	Benzo(a)anthracene	/	20	U
218-01-9	Chrysene		20	U
205-99-2	Benzo(b)fluoranthene		20	U
207-08-9	Benzo(k)fluoranthene		20	Ü
50-32-8	Benzo(a)pyrene		20	Ü
193-39-5	Indeno(1,2,3-cd)pyren	ne \	20	Ü
53-70-3	Dibenzo(a,h)anthracer	ie \	20	U
191-24-2	Benzo(g,h,i)perylene		20	Ū
(1) Cannot be separa	ted from Diphenylamine			

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EPA SAMPLE NO.

HIMW-5I

Lab Name: <u>H2M LABS,</u>	INC.		Cont	ract:	
Lab Code: 10478	Case	No.: KEY-	URS	SAS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER			Lab Sample ID:	0708763-002B
Sample wt/vol:	1000	(g/mL)	ML	Lab File ID:	A\C36756.D
Level: (low/med)		LOW		Date Received:	07/30/07
% Moisture:	Decant	ed:(Y/N)	Й	Date Extracted:	08/03/07
Concentrated Extrac	t Volume	<u> 1000</u>	(µL)	Date Analyzed:	08/07/07
Injection Volume:	2	(µL)		Dilution Factor:	1.00

Injection Volume: $\frac{2}{}$

GPC Cleanup: (Y/N) N

(µL)

pH: ____

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(µg/L or µg/Kg) UG/L

91-20-3	Naphthalene	- 2800 26 CO	中ワ
91-57-6	2-Methylnaphthalene	520 540	+ N
208-96-8	Acenaphthylene	260 170	-₽ 🔀
83-32-9	Acenaphthene	16	
86-73-7	Fluorene	35	
85-01-8	Phenanthrene	20	
120-12-7	Anthracene	2	J
206-44-0	Fluoranthene	10	Ü
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	0.1
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	U

EPA SAMPLE NO.

HIMW-5IDL

Lab Name: H2M LABS,	INC.	Contract	t:	
Lab Code: <u>10478</u>	Case No.: KEY	-URS SAS	3 No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER		Lab Sample ID:	0708763-002BDL
Sample wt/vol:	1000 (g/mL)	ML	Lab File ID:	A\C36763.D
Level: (low/med)	LOW		Date Received:	07/30/07
% Moisture:	Decanted: (Y/N)	<u>N</u>	Date Extracted:	08/03/07
Concentrated Extract	Volume: <u>1000</u>	(μ L)	Date Analyzed:	08/07/07
Injection Volume:	2 (µL)		Dilution Factor:	50.00
GPC Cleanup: (Y/N)	<u>N</u> pH:		Extraction: (Type)	SEPF
,			CONCEN	TRATION UNITS:

CONCENTRATION UNITS:

CAS NO.	COMBOUND	(μg/L or μg/kg) <u>νg/L</u>	Q
91-20-3	Naphthalene	2600	D
91-57-6	2-Methylnaphthalene	540	D
208-96-8	Acenaphthylene	/170	DJ
83-32-9	Acenaphthene	500	Ü
86-73-7	Fluorene	500	Ü
85~01-8	Phenanthrene	500	U
120-12-7	Anthracene	500	Ü
206-44-0	Fluoranthene	500	Ų
129-00-0	Pyrene	500	U
56-55-3	Benzo(a)anthracene	500	บ
218-01-9	Chrysene	500	Ü
205-99-2	Benzo(b)fluoranthene	500	Ü
207-08-9	Benzo(k)fluoranthene/	500	Ü
50-32-8	Benzo(a)pyrene	500	U
193-39-5	Indeno(1,2,3-cd)pyrene	500	U
53-70-3	Dibenzo(a,h)anthracene	500	Ü
191-24-2	Benzo(q,h,i/perylene	500	U

(1) Cannot be separated from Diphenylamine

11/2/0sh

pH:

HIMW-5S

Lab Name: H2M I	LABS, INC.	Con	tract:	
Lab Code: <u>10478</u>	Case No	.: KEY-URS	SAS No.:	SDG No.: KEY~URS002
Matrix: (soil/w	ater) <u>WATER</u>		Lab Sample ID:	0708808-005B
Sample wt/vol:	1000	(g/mL) ML	Lab File ID:	A\C36761.D
Level: (low/	med) <u>LC</u>	W	Date Received:	07/31/07
% Moisture:	Decanted	: (Y/N) <u>N</u>	Date Extracted:	08/03/07
Concentrated Ex	tract Volume:	<u>1000</u> (µL)	Date Analyzed:	08/07/07
Injection Volum	e: 2 (uL)	Dilution Factor:	1.00

CONCENTRATION UNITS:

Extraction: (Type) SEPF

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	υ
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene 10		U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	υ
207-08-9	Benzo(k)fluoranthene 10		U
50-32-8	Benzo(a)pyrene 10		U
193-39-5	Indeno(1,2,3-cd)pyrene 10		υŒ
53-70-3	Dibenzo(a,h)anthracene 10		Ü
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

GPC Cleanup: (Y/N) N

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EPA SAMPLE NO.

HIMW-6D

Lab Name: <u>H2M LABS, INC.</u> Contract:

Lab Code: 10478

Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER TROUBLE Lab Sample ID:

0708926-003B

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C36825.D

Level: (low/med)

Date Received:

08/02/07

% Moisture:

Decanted: (Y/N) N

Date Extracted:

08/07/07

Concentrated Extract Volume:

1000 (pL)

08/13/07

Injection Volume:

(µL)

Date Analyzed: Dilution Factor:

1.00

GPC Cleanup: (Y/N) N

1 1. * 10

pH:

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	2017	CONCENTRATION UNITS:	CONCENTRATION UNITS:		
	COMPOUND	(μ g/L or μ g/Kg) UG/L	Q		
91-20-3	Naphthalene				
91-57-6	2-Methylnaphthalene	10	J		
208-96-8	Acenaphthylene		U		
83-32-9	Acenaphthene	2	J		
86-73-7	Fluorene	10	U		
85-01-8	Phenanthrene	10	U		
120-12-7	Anthracene	3	J		
206-44-0	Fluoranthene	10	U		
129-00-0	Pyrene	10	U		
56-55-3	Benzo(a)anthracene	10	U		
218-01-9	Chrysene	10	U		
205-99-2		10	Ü		
207-08-9	Benzo(b) fluoranthene	10	Ü		
	Benzo(k) fluoranthene	10	U		
50-32-8	Benzo(a)pyrene	10			
193-39-5	Indeno(1,2,3-cd)pyrene	10	U		
53-70-3	Dibenzo(a,h)anthracene	10	<u>u</u>		
191-24-2	Benzo(g,h,i)perylene	10	U		

⁽¹⁾ Cannot be separated from Diphenylamine

EPA SAMPLE NO.

HIMW-61

Lab Name: <u>H2M LABS</u>, INC. Contract:

Lab Code: 10478

Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

1000

(g/mL) <u>ML</u>

Lab Sample ID: Lab File ID:

0708926-004B

Level: (low/med)

LOW

Date Received:

A\C36826.D

Sample wt/vol:

08/02/07

% Moisture:

Decanted: (Y/N) N

Date Extracted:

08/07/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed:

08/13/07

Injection Volume:

 $\underline{2}$ (μ L)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(μg/L or μg/Kg) UG/L

91-20-3	Naphthalene	120 - 110	-B-	
91-57-6	2-Methylnaphthalene	24		
208-96-8	Acenaphthylene	14		
83-32-9	Acenaphthene	10	Ü	
86-73-7	Fluorene	3	J	
85-01-8	Phenanthrene	10	Ü	
120-12-7	Anthracene	10	U	
206-44-0	Fluoranthene	10	Ü	
129-00-0	Pyrene	10	U	
56-55-3	Benzo(a)anthracene	10	Ŭ	
218-01-9	Chrysene	10	U	
205-99-2	Benzo(b)fluoranthene	10	U	
207-08-9	Benzo(k)fluoranthene	10	U	
50-32-8	Benzo(a)pyrene	10	U	
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü	
53-70-3	Dibenzo(a,h)anthracene 10		U	
191-24-2	Benzo(g,h,i)perylene 10			

(1) Cannot be separated from Diphenylamine

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-6IDL

Lab Name:	H2M LABS, INC.	Contract:	
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Lab Code: 10478 Case No.: KEY-URS

SAS No.: _____ SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Lab Sample ID:

0708926-004BDL

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C36847.D

Level:

LOW

Date Received:

08/02/07

(low/med)

% Moisture:

Decanted: (Y/N)

(pL)

Date Extracted:

08/07/07

Concentrated Extract Volume:

1000

Date Analyzed:

08/14/07

Injection Volume:

2 (µL) Dilution Factor:

2.00

GPC Cleanup: (Y/N) N

pH:

Extraction: (Type) SEPF

CONCENTRATION UNLTS:

(µg/L or µg/Kg) UG/L CAS NO. COMPOUND

91-20-3	Naphthalene	116	
		110	D
91-57-6	2-Methylnaphthalene	/23	D
208-96-8	Acenaphthylene	13	DJ
83-32-9	Acenaphthene	20	U
86-73-7	Fluorene	3	DJ
8501-8	Phenanthrene	20	U
120-12-7	Anthracene	20	Ū
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	Ü
56-55-3	Benzo(a)anthracene	20	U
218-01-9	Chrysene	20	Ü
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
50-32-8	Benzo(a)pyrene	20	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	20	Ü
53-70-3	Dibenzo(a,h)anthracene	20	Ü
191-24-2	Benzo(g,h,i)perylene	20	Ü

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-7D

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Lab Sample ID:

0708926-005B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

A\C36827.D

Level: (low/med)

LOW

Date Received:

08/02/07

% Moisture: Decanted: (Y/N) N Date Extracted:

08/07/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed:

08/13/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO. COMPOUND		(µg/L or µg/Kg) <u>UG/L</u>	
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	υ
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	1.0	υ
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene 10		Ü
53-70-3	Dibenzo (a, h) anthracene 10		υ
191-24-2	191-24-2 Benzo(g,h,i)perylene 10		U

⁽¹⁾ Cannot be separated from Diphenylamine

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

EPA SAMPLE NO.

HIMW-71

			11.26111 1.1
Lab Name: H2M LABS,	INC.	Contract:	
Lab Code: 10478	Case No.: KEY-UF	RS SAS No.:	SDG No.: KEY-URS003
Matrix: (soil/water)	WATER	Lab Sample ID:	0708926-006B
Sample wt/vol:	1000 (g/mL)	ML Lab File ID:	A\C36828.D
Level: (low/med)	TOM	Date Received:	08/02/07
% Moisture:	Decanted: (Y/N)	N Date Extracted:	08/07/07
Concentrated Extract	Volume: 1000 (p	nL) Date Analyzed:	08/13/07
Injection Volume:	$\underline{2}$ (μ L)	Dilution Factor:	1.00

	CONCENTRATION UNITS:	CONCENTRATION UNITS:	
COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q	
Naphthalene	10	U	
2-Methylnaphthalene	10	Ü	
Acenaphthylene	10	U	
Acenaphthene	10		
Fluorene	···		
Phenanthrene		 <u></u> 0	
Anthracene		Ü	
Fluoranthene		U	
Pyrene		U	
Benzo(a)anthracene		 U	
Chrysene		U	
Benzo(b)fluoranthene		 0	
		U	
		<u> </u>	
		U	
		n n	
		U	
	Naphthalene 2-Methylnaphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene	COMPOUND (μg/L or μg/Kg) OG/L Naphthalene 10 10 2-Methylnaphthalene 10 10 Acenaphthene 10 10 Fluorene 10 10 Phenanthrene 10 10 Anthracene 10 10 Fluoranthene 10 10 Benzo(a) anthracene 10 10 Chrysene 10 10 Benzo(b) fluoranthene 10 10 Benzo(a) pyrene 10 10 Indeno(1,2,3-cd) pyrene 10 10 Dibenzo(a, h) anthracene 10 10	

⁽¹⁾ Cannot be separated from Diphenylamine

HIMW-8D

Lab Name: H2M LABS, INC.	Contract:
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Matrix: (soil/water) WATER Lab Sample ID: 0708808-006B

Sample wt/vol: $\underline{1000}$ (g/mL) $\underline{\text{ML}}$ Lab File ID: $\underline{\text{A} \backslash \text{C36762.D}}$

Level: (low/med) \underline{LOW} Date Received: $\underline{07/31/07}$

% Moisture: Decanted: (Y/N) N Date Extracted: 08/03/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 08/07/07

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	Ü
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	Ū
50-32 - 8	Benzo(a)pyrene	1.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

"/2/0. Ar

OLM04.2

рН: ____

Lab Name: H2M LABS,	INC.	Con	tract:	<u> </u>
Lab Code: 10478	Case No	.: KEY-URS	SAS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER		Lab Sample ID:	0708870-002B
Sample wt/vol:	1000	(g/mL) ML	Lab File ID:	A\C36768.D
Level: (low/med)	FO	W	Date Received:	08/01/07
% Moisture:	Decanted:	(Y/N) <u>N</u>	Date Extracted:	08/06/07
Concentrated Extract	Volume:	<u>1000</u> (μL)	Date Analyzed:	08/07/07
Injection Volume:	<u>2</u> (µ	ıL)	Dilution Factor:	1.00

CONCENTRATION UNITS:

Extraction: (Type) <u>SEPF</u>

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	· U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	Ü
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü 🗧
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	Ü

(1) Cannot be separated from Diphenylamine

GPC Cleanup: (Y/N) N

11/2/034

HIMW-8S

Lab	Name:	H2M LABS, I	NC.		Cont	ract:		-		···
Lab	Code:	10478	Case	No.:	KEY-URS	SAS	No.:	SDG	No.:	KEY-URS002

Matrix: (soil/water) WATER Lab Sample ID: 0708870-003B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C36769.D

Level: (low/med) LOW Date Received: 08/01/07

% Moisture: Decanted: (Y/N) N Date Extracted: 08/06/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 08/07/07

Injection Volume: $\underline{2}$ (μ L) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	Ū
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	υ
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	ប
205-99-2	Benzo(b)fluoranthene	10	Ū
207-08-9	Benzo(k)fluoranthene	10	a
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U 2
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

11/15/07

Н	IMW-	9D
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Lab Name: <u>H2M LABS</u> ,	INC.	Contract:	
Lab Code: <u>10478</u>	Case No.: KEY-U	RS SAS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708870-004B
Sample wt/vol:	1000 (g/mL)	ML Lab File ID:	A\C36770.D
Level: (low/med)	LOW	Date Received:	08/01/07
% Moisture:	Decanted: (Y/N)	N Date Extracted:	08/06/07
Concentrated Extract	Volume: <u>1000</u> (μL) Date Analyzed:	08/07/07
Injection Volume:	<u>2</u> (µL)	Dilution Factor:	1.00
GPC Cleanup: (Y/N)	<u>й</u> рн:	Extraction: (Type)	SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	1.0	U
218-01-9	Chrysene	10	
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k) fluoranthene	10	Ü
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	UCT
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	Ü

(1) Cannot be separated from Diphenylamine

11/15/1070

GPC Cleanup: (Y/N) \underline{N} pH: ____ Extraction: (Type) \underline{SEPF}

HIMW-9I

Lab Name: H2M LABS,	INC.	Cont	cract:	
Lab Code: <u>10478</u>	Case No	.: KEY-URS	SAS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER		Lab Sample ID:	0708870-005B
Sample wt/vol:	1000	(g/mL) ML	Lab File ID:	A\C36771.D
Level: (low/med)	<u>LO</u>	<u>w</u>	Date Received:	08/01/07
% Moisture:	Decanted:	(Y/N) <u>N</u>	Date Extracted:	08/06/07
Concentrated Extract	Volume:	<u>1000</u> (µL)	Date Analyzed:	08/07/07
Injection Volume:	<u>2</u> (1	ıL)	Dilution Factor:	1.00

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	บ
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	0.7
53-70-3	Dibenzo(a,h)anthracene	10	υ
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

11/15 (07m

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>H2M LABS</u> ,	INC.	Contrac	t:	<u> </u>
Lab Code: 10478	Case No.: KEY-	URS SAS	3 No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER		Lab Sample ID:	0708870-006B
Sample wt/vol:	1000 (g/mL)	ML	Lab File ID:	A\C36772.D
Level: (low/med)	<u>rom</u>		Date Received:	08/01/07
% Moisture:	Decanted: (Y/N)	N	Date Extracted:	08/06/07
Concentrated Extract	Volume: 1000	(µL)	Date Analyzed:	08/07/07
Injection Volume:	<u>2</u> (µL)		Dilution Factor:	1.00
CDC Classics (V/N)	N pH.		Extraction: (Type)	SEPF

pH: ____

CONCENTRATION UNITS:

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a) anthracene	10	ט
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	υ
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	UT
53-70-3	Dibenzo(a,h)anthracene	10	U
	<u> </u>		

(1) Cannot be separated from Diphenylamine

191-24-2 Benzo(g,h,i)perylene

GPC Cleanup:

(Y/N) <u>N</u>

11/15/07 PL

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HIMW-10D

Lab Name: <u>H2M LABS</u> ,	INC.	Contract:	
Lab Code: <u>10478</u>	Case No.: KEY-UI	RS SAS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER	Lab Sample ID:	0708977-001B
Sample wt/vol:	1000 (g/mL)	ML Lab File ID:	A\C36833.D
Level: (low/med)	LOW	Date Received:	08/03/07
% Moisture:	Decanted: (Y/N)	N Date Extracted:	08/08/07
Concentrated Extract	Volume: <u>1000</u> (μL) Date Analyzed:	08/13/07
Injection Volume:	<u>2</u> (µL)	Dilution Factor:	1.00
GPC Cleanup: (Y/N)	<u>и</u> рн:	Extraction: (Type)	SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	υ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ū
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	Ū
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

⁽¹⁾ Cannot be separated from Diphenylamine

EPA SAMPLE NO.

HIMW-10I

Lab Name: H2M LABS,	INC.	Cont	ract:	
Lab Code: <u>10478</u>	Case No.: KE	Y-URS	SAS No.:	SDG No.: KEY-URS003
Matrix: (soil/water)	WATER		Lab Sample ID:	0708926-001B
Sample wt/vol:	1000 (g/mI) <u>MT</u>	Lab File ID:	A\C36823.D
Level: (low/med)	LOW		Date Received:	08/02/07
% Moisture:	Decanted: (Y/N)	N	Date Extracted:	08/07/07
Concentrated Extract	Volume: <u>1000</u>	(µL)	Date Analyzed:	08/13/07
Injection Volume:	$\underline{2}$ (μ L)		Dilution Factor:	1.00

CONCENTRATION UNITS

Extraction: (Type) SEPF

070 110		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	10	
91-57-6	2-Methylnaphthalene	10	<u> </u>
208-96-8	Acenaphthylene	10	<u>U</u>
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene		U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	<u>U</u>
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9		10	U
	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a, h) anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	Ü

⁽¹⁾ Cannot be separated from Diphenylamine

GPC Cleanup: (Y/N) N pH:

HIMW-10S

Lab	Name:	H2M LABS, INC.		
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Lab Code: 10478

Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Lab Sample ID:

0709039-001B

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C36841.D

Level: (low/med)

LOW

Date Received:

08/06/07

% Moisture:

Decanted: (Y/N)

N

Date Extracted:

08/08/07

COMPOUND

Benzo(a)pyrene

53-70-3 Dibenzo(a,h)anthracene

191-24-2 Benzo(g,h,i)perylene

Indeno(1,2,3-cd)pyrene

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

08/14/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

CAS NO.

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

10

10

10

10

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U

(µg/L or µg/Kg) UG/L Q

91-20-3	Naphthalene	10	υ
91-57-6	2-Methylnaphthalene	10	υ
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	1	J
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	Ū
205-99-2	Benzo(b) fluoranthene	10	Ū
207-08-9	Benzo(k) fluoranthene	10	U
T			1 -

50-32-8

193-39-5

⁽¹⁾ Cannot be separated from Diphenylamine

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: <u>KEY-URS</u> SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER Sample wt/vol:

1000

(g/mL) ML Lab File ID: A\C36837.D

0708980-001B

Level: (low/med)

Date Received:

Lab Sample ID:

08/06/07

% Moisture: Decanted: (Y/N) N Date Extracted: 08/08/07

LOW

Concentrated Extract Volume: 1000 (µL)

Date Analyzed: 08/13/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	υ
86-73-7	Fluorene	10	υ
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	Ū
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

⁽¹⁾ Cannot be separated from Diphenylamine

HIMW-11I	
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Lab Na	me: Hi	2M LA	BS,	INC.
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Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Lab Sample ID:

0708980-002B

Sample wt/vol:

1000 (g/mL) ML

Lab File ID:

A\C36838.D

Level: (low/med)

LOW

Date Received: 08/06/07

% Moisture: Decanted: (Y/N) N Date Extracted: 08/08/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

08/13/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS	NO.

COMPOUND

(μg/L	or	μg/Kg)	UG/L	Q
]		10		Ü

91-20-3	Naphthalene	10	Ü
91~57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	1.0	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	υ
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ū
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(q,h,i)perylene	10	Ü

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-12D

Lab 1	Name:	H2M LABS,	INC.	Contract:	
					

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water) WATER Lab Sample ID: 0708808-001B

Sample wt/vol: $\underline{1000}$ (g/mL) $\underline{\text{ML}}$ Lab File ID: $\underline{\text{A} \setminus \text{C36757.D}}$

Level: (low/med) <u>LOW</u> Date Received: <u>07/31/07</u>

% Moisture: Decanted: (Y/N) \underline{N} Date Extracted: $\underline{08/03/07}$

Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{08/07/07}$

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ū
91-57-6	2-Methylnaphthalene	10	Ū
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	Ū
86-73-7	Fluorene	10	Ū
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	υ
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k) fluoranthene	10	Ü
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	Ū
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

"/16/07or

EPA SAMPLE NO.

HIMW-12I

Lab Name: H2M LABS, INC. Contract: ___

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water) WATER

Lab Sample ID:

0708763-001B

Sample wt/vol: $\underline{1000}$ (g/mL) \underline{ML} Lab File ID: $\underline{A}C36755.D$

Level: (low/med)

LOW

Date Received: 07/30/07

Moisture: Decanted:(Y/N) N Date Extracted: 08/03/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed: 08/07/07

Injection Volume: $\underline{2}$ (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ___

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.		The state of the s	
<u> </u>	COMPOUND	(μg/L or μg/Kg) <u>UG/</u> L	0
91-20-		8	
91-57-	6 2-Methylnaphthalene	10	J
208-96-	8 Acenaphthylene		U
83-32-	9 Acenaphthene	66	
86-73-		51	
85-01-	8 Phenanthrene	37	
120-12-		6	J
206-44-		10	Ü
129-00-		10	U
56-55-		10	U
218-01-		10	U
205-99-		10	U
207-08-		10	U
		10	U
50-32-		10	U
193-39-		10	U.S
53-70-		10	<u>U</u>
191-24-	Benzo(g,h,i)perylene	10	U

HIMW-12S

Lab Name: H2M LABS, INC. Contract:

Matrix: (soil/water) WATER Lab Sample ID: 0708641-001B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C36622.D

Level: (low/med) LOW Date Received: 07/26/07

% Moisture: Decanted: (Y/N) Date Extracted: 07/27/07

Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{07/31/07}$

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	Ū
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	Ü
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(q,h,i)perylene	10	U

EPA SAMPLE NO.

HIMW-	13D
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Lab Name: <u>H2M LABS</u> ,	INC.	Cont	ract:	
Lab Code: 10478	Case No.:	KEY-URS	SAS No.:	SDG No.: KEY-URS001
Matrix: (soil/water)	WATER		Lab Sample ID:	0708641-002B

 Matrix:
 (soil/water)
 WATER
 Lab Sample ID:
 0708641-002B

 Sample wt/vol:
 1000
 (g/mL)
 ML
 Lab File ID:
 A\C36623.D

Level: (low/med) LOW Date Received: 07/26/07

% Moisture: Decanted: (Y/N) N Date Extracted: 07/27/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 07/31/07

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$ GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	
83-32-9	Acenaphthene	7	J
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Lab Code: 10478 Case No.: KEY-URS SAS No.:

HIMW-13I

Lab Name: H2M LABS, INC.

Contract: ____

SDG No.: KEY-URS001

Matrix: (soil/water) WATER

Lab Sample ID:

0708713-001B

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C36670.D

Level: (low/med)

LOW

Date Received:

07/27/07

% Moisture:

Decanted: (Y/N) N

Date Extracted:

08/01/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed: 08/02/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) \underline{N} pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	1	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	75	
83-32-9	Acenaphthene	9	J
86-73-7	Fluorene	16	
85-01-8	Phenanthrene	17	
120-12-7	Anthracene	1	J
206-44-0	Fluoranthene	10	Ū
129-00-0	Pyrene	10	U
56-55-3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	Ū
207-08-9	Benzo(k)fluoranthene	10	U:7
50-32-8	Benzo(a)pyrene	10	Ū
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	Ü

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

HIMW-13S

Lab Name: <u>H2M LABS</u> ,	INC.	Contrac	t:	
Lab Code: <u>10478</u>	Case No.: KEY-	-URS SAS	S No.:	SDG No.: KEY-URS001
Matrix: (soil/water)	WATER		Lab Sample ID:	0708713-002B
Sample wt/vol:	1000 (g/mL)	ML	Lab File ID:	A\C36671.D
Level: (low/med)	LOW		Date Received:	07/27/07
% Moisture:	Decanted: (Y/N)	\overline{N}	Date Extracted:	08/01/07
Concentrated Extract	Volume: <u>1000</u>	(µL)	Date Analyzed:	08/02/07

GPC Cleanup: (Y/N) \underline{N} pH: ____ Extraction: (Type) $\underline{\text{SEPF}}$

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	υ
207-08-9	Benzo(k)fluoranthene	10	υJ
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

11/4/07

HIMW-14D	
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Lab Name: H2M LABS, INC. Contract: Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001 Matrix: (soil/water) WATER Lab Sample ID: 0708594-001B Sample wt/vol: 1000 (g/mL) <u>ML</u> Lab File ID: A\C36616.D Level: (low/med) LOW Date Received: 07/25/07

% Moisture: Decanted: (Y/N) N Date Extracted: 07/27/07 Concentrated Extract Volume: 1000 (μL) Date Analyzed: 07/31/07

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91~57-6	2-Methylnaphthalene	10	Ū
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	υ
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	บ
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	Ü

(1) Cannot be separated from Diphenylamine

EPA SAMPLE NO.

		3151	S DATA SHEET	HIMW-14I
Lab Name: H2M LABS	, INC.	Co	ontract:	urtam-141
Lab Code: 10478	Case N	lo.: KEY-URS	SAS No.:	SDG No.: KEY-URS001
Matrix: (soil/water) WATER		Lab Sample ID:	0708641-003B
Sample wt/vol:	1000	(g/mL) M	•	0708641-003B

Level: (low/med) LOW Lab File ID:

A\C36624.D

Date Received:

07/26/07

% Moisture:

Decanted: (Y/N)

Date Extracted:

07/27/07

Concentrated Extract Volume: $\underline{1000}$ (μL)

(g/mL) ML

Date Analyzed:

07/31/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ___

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(µg/L or µg/Kg) UG/L	ò
91-20-3	,birciia rette		· ·
91-57-6	2-Methylnaphthalene	3	J
208-96-8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	30	
86-73-7	Fluorene	19	
85-01-8	Phenanthrene	8	J
120-12-7	Anthracene	7	J
206-44-0	Fluoranthene	10	Ü
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k) fluoranthene	10	Ū
50-32-8	Benzo(a) pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g, h, i) perylene	10	Ū
Cannot be seen		10	U

(1) Cannot be separated from Diphenylamine

Lab Code: 10478 Case No.: KEY-URS SAS No.:

HIMW-15D

Lab Name: H2M LABS, INC.

Contract: _

SDG No.: KEY-URS001

Matrix: (soil/water) WATER

Lab Sample ID:

0708594-002B

Lab File ID:

Sample wt/vol:

1000

(g/mL) ML

A\C36619.D

Level: (low/med)

LOW

Date Received:

07/25/07

% Moisture:

Decanted: (Y/N) N

Date Extracted: 07/27/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

07/31/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) \underline{N} pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	10	Ū
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ū
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

⁽¹⁾ Cannot be separated from Diphenylamine

EPA	SAMPLE	NO.
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HIMW-15I

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS001

Matrix: (soil/water) WATER

(g/mL) ML

Lab File ID:

Lab Sample ID:

0708517-002B

Sample wt/vol: Level: (low/med)

1000

A\C36611.D

% Moisture:

LOW

Date Received: 07/24/07

Decanted: (Y/N) N

Date Extracted: 07/27/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed:

07/30/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
91-20-3	Naphthalene	(µg/L or µg/Kg) UG/L	Q
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	22	
86-73-7	Fluorene	5	
85-01-8	Phenanthrene	10	J
120-12-7	Anthracene	3	<u>_</u>
206-44-0	Fluoranthene	10	<u>J</u>
129-00-0	Pyrene	10	U
56-55-3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	Ü
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k) fluoranthene	10	<u>U</u> _
50-32-8	Benzo(a)pyrene	10	<u>U</u> _
193-39-5	Indeno(1,2,3-cd)pyrene	10	
53-70-3	Dibenzo(a,h)anthracene	10	<u>U</u>
191-24-2	Benzo(g,h,i)perylene	10	U
	ted from Diphenylami	10	0.1

parated from Diphenylamine

EPA	SAMPLE	NO
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HIMW-18]	Ξ
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Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water) WATER

Lab Sample ID: 0708977-002B

Sample wt/vol:

1000

(g/mL) ML Lab File ID:

A\C36836.D

Level: (low/med)

LOW

Date Received: 08/03/07

% Moisture: Decanted: (Y/N) N Date Extracted: 08/08/07

Concentrated Extract Volume: 1000 (μL)

Date Analyzed: 08/13/07

Injection Volume: $\underline{2}$ (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(µg/L or µg/Kg) UG/L

91-20-3	Naphthalene	(F3/12 οτ μg/Kg/ <u>0G/</u>	r Ö
91-57-6	2-Methylnaphthalene	430 (20	E-
208-96-8	Acenaphthylene	35	
83-32-9	Acenaphthene	11	
86-73-7	Fluorene	2	J
85-01-8	Phenanthrene	5	J
120-12-7	Anthracene	12	
206-44-0	Fluoranthene	2	J
129-00-0	Pyrene	1	J
56-55-3	Benzo(a)anthracene	3	J
218-01-9	Chrysene	10	Ü
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a) pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
Cannot be senara	· · · · · · · · · · · · · · · · · · ·	10	U

annot be separated from Diphenylamine

EPA SAMPLE NO.

HIMW-18IDL

Lab Name:	H2M LABS, INC.	Contract:	

Lab Code: 10478

Case No.: KEY-URS

SAS No.: _____ Lab Sample ID:

SDG No.: KEY-URS002

Matrix: (soil/water) WATER

0708977-002BDL

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C36848.D

Level:

(low/med)

LOW

Date Received:

08/03/07

% Moisture:

Decanted: (Y/N)

(µL)

Date Extracted:

08/08/07

Concentrated Extract Volume;

1000

Date Analyzed:

08/14/07

Injection Volume:

2

Dilution Factor:

2.00

GPC Cleanup:

(Y/N) N

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) UG/L	Q
91-20-3	Naphthalene \	120	D
91-57-6	2-Methylnaphthalene	34	D
208-96-8	Acenaphthylene \	11	DJ
83-32-9	Acenaphthene	2	DJ
86-73-7	Fluorene	4	DJ
85-01-8	Phenanthrene	11	DJ
120-12-7	Anthracene	20	Ū
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	4	DJ
56-55-3	Benzo(a)anthracene	20	Ü
218-01-9	Chrysene	20	U
205-99-2	Benzo(b)fluoraņťhene \	20	บ
207-08-9	Benzo(k) fluoranthene	20	U
50-32-8	Benzo(a)pyréne	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	Ü
53-70-3	Dibenzo(a,h)anthracene	20	Ü
191-24-2	Benzø(g,h,i)perylene	20	Ü

(1) Cannot be separated from Diphenylamine

HIMW-191

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS001

Matrix: (soil/water) WATER

Lab File ID:

Lab Sample ID:

0708517-003B

Sample wt/vol:

1000

(g/mL) <u>ML</u>

A\C36612.D

Level: (low/med)

LOW

Date Received:

07/24/07

% Moisture:

Decanted: (Y/N) N

Date Extracted: Concentrated Extract Volume: 1000 (µL) Date Analyzed:

07/27/07 07/30/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	บ
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	Ü
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U 3
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	υJ

(1) Cannot be separated from Diphenylamine

HIMW-20OS

Lab Name: H2M LABS,	INC.	Con	tract:	
Lab Code: 10478	Case No	.: KEY-URS	SAS No.:	SDG No.: KEY-URS002
Matrix: (soil/water)	WATER		Lab Sample ID:	0708808-002B
Sample wt/vol:	1000	(g/mL) ML	Lab File ID:	A\C36758.D
Level: (low/med)	LO	<u>w</u>	Date Received:	07/31/07
% Moisture:	Decanted:	(Y/N) <u>N</u>	Date Extracted:	08/03/07
Concentrated Extract	Volume:	<u>1000</u> (μL)	Date Analyzed:	08/07/07
Injection Volume:	2 (ıL)	Dilution Factor:	1.00

pH: ____

CONCENTRATION UNITS:

Extraction: (Type) <u>SEPF</u>

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	υ
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	υ
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ū T
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

(Y/N) <u>N</u>

GPC Cleanup:

21/15/07

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-201S

Lab	Name:	H2M LABS, II	NC.		Cont	ract:	<u> </u>		
Lab	Code:	10478	Case	No.:	KEY-URS	SAS	No.:	SDG No.:	KEY-URS002

Matrix: (soil/water) WATER Lab Sample ID: 0708870-001B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C36767.D

Level: (low/med) LOW Date Received: 08/01/07

% Moisture: Decanted: (Y/N) N Date Extracted: 08/06/07

Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{08/07/07}$

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SEPF

CONCENTRATION UNITS:

		CONCENTRATION UNITS:	
CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	Ū
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	υ
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	UŢ
53-70-3	Dibenzo(a,h)anthracene	10	υ
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

"/islar

HIMW-202S

Lab	Name:	н2м

M LABS, INC.

Contract:

Lab Code: 10478

Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Sample wt/vol:

1000

(g/mL) ML

Lab Sample ID: Lab File ID:

0709039-002B A\C36842.D

Level: (low/med)

Date Received:

08/06/07

% Moisture: Decanted: (Y/N)

LOW

N Date Extracted:

08/08/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

08/14/07

Injection Volume: $\underline{2}$ (μL)

COMPOUND

Benzo(a) pyrene

191-24-2 Benzo(g,h,i)perylene

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

CAS NO.

pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

10

10

10

10

11

U

U

U

(μg/L or μg/Kg) UG/L Q

91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	Ū
206-44-0	Fluoranthene	10	Ü
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	Ū
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	U

50-32-8

193-39-5

53-70-3

⁽¹⁾ Cannot be separated from Diphenylamine

PZ-02		
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Lab Name: H2M LABS, INC. Contract:

Matrix: (soil/water) WATER Lab Sample ID: 0708517-004B

Sample wt/vol: $\underline{1000}$ (g/mL) \underline{ML} Lab File ID: $\underline{A} \setminus C36613.D$

Level: (low/med) \underline{LOW} Date Received: $\underline{07/24/07}$

% Moisture: Decanted: (Y/N) N Date Extracted: 07/27/07

Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{07/30/07}$

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) \underline{N} pH: ____ Extraction: (Type) \underline{SEPF}

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	Ū
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	Ū
129-00-0	Pyrene	10	Ū
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	U 🔟
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	UJ

(1) Cannot be separated from Diphenylamine

1/14/03/20

PZ-03		

 Contract:	INC.	H2M	Name:	Lab
 Contract:		H2M	Name:	Lab

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water) WATER Lab Sample ID: 0708594-004B

1000 Sample wt/vol: (g/mL) ML Lab File ID: A\C36621.D

Date Received: Level: (low/med) LOW 07/25/07

% Moisture: Decanted: (Y/N) N Date Extracted: 07/27/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 07/31/07

Injection Volume: $\frac{2}{2}$ (µL) Dilution Factor: 1.00 Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ū
85-01-8	Phenanthrene	10	Ū
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	Ų
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

GPC Cleanup: (Y/N) N pH: ____

FB 072707

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS001

Matrix: (soil/water) WATER

Lab Sample ID: 0708713-004B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID:

A\C36673.D

Level: (low/med)

LOW

Date Received:

07/27/07

% Moisture:

Decanted: (Y/N) N

Date Extracted:

Date Analyzed: 08/02/07

08/01/07

Concentrated Extract Volume: 1000 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Injection Volume: $\underline{2}$ (μL)

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(μg/L or μg/Kg) UG/L

91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	Ū
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	UI
50-32-8	Benzo(a)pyrene	10	Ü
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	Ū

(1) Cannot be separated from Diphenylamine

11/14/02

EPA SAMPLE NO.

FB 080207

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water) WATER

Lab Sample ID:

0708926-007B

Sample wt/vol:

1000

(g/mL) ML Lab File ID:

A\C36829.D

Level: (low/med)

LOW

Date Received:

08/02/07

% Moisture:

Decanted: (Y/N) N Date Extracted:

08/07/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed:

08/13/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH:

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	t)
208-96~8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	Ü
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	, U
218-01-9	Chrysene	10	Ü
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	0
50-32-8	Benzo(a)pyrene	10	<u>U</u>
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

⁽¹⁾ Cannot be separated from Diphenylamine

EPA SAMPLE NO

HIMW-4D

Lab Name: <u>H2M LABS</u>, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS003

Matrix (soil/water): WATER

Lab Sample ID: 0709039-004

Level (low/med):

LOW

Date Received: 8/6/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М
7439-89-6	Iron	213			P

Color Before: COLORLESS Clarity Before:

CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

11/19/07/2

Comm	ents: Date Reported:	8/16/2007		 	

EPA SAMPLE NO

HIMW-4D

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS003F

Matrix (soil/water): WATER

Lab Sample ID: 0709041-002

Level (low/med):

LOW

Date Received: 8/6/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М
7439-89-6	Iron	111			Р

Color	Before:	COLORLESS	${\tt Clarity}$	Before:	CLEAR	Texture:	
${\tt Color}$	After:	COLORLESS	Clarity	After:	CLEAR	Artifacts:	

Comme	ents:
	Date Reported: 8/13/2007
	Dissolved Metals

KEY-URS003/003F S68

1 INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO

HIMW-4I

Lab Name: H2M LABS, INC.

Lab Code: 10478 Case No.

SAS No.:

SDG No.: KEY-URS003

Matrix (soil/water): WATER

Lab Sample ID: 0708926-002

Level (low/med):

LOW

Date Received: 8/2/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

2420 00 6 7	Q M	Q	Concentration	Analyte	CAS No.
[/439-89-6 Iron 56/	P		567	Iron	7439-89-6

Color	Before:	COLORLESS	Clarity	Before:
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CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Comments:
Date Reported: 8/16/2007

EPA SAMPLE NO

HIMW-4I

Lab Name: <u>H2M LABS</u>, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS003F

Matrix (soil/water): WATER

Lab Sample ID: 0708929-002

Level (low/med):

LOM

Date Received: 8/2/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	21.0	B		P	

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Comment	s:
Dat	te Reported: 8/13/2007
Dis	ssolved Metals

U.S. EPA - CLP

1 INORGANIC ANALYSIS DATA SHEET

HIMW-4S

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Matrix (soil/water): WATER

Lab Sample ID: 0708808-003

Level (low/med):

LOW

Date Received: 7/31/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

i	CAS No.	Analyte	Concentration	С	Q	М	
	7439-89-6	Iron	45.3	B.	N*	P	7

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

"/15/074~

Comments:	
Date Reported: 8/21/2007	

EPA SAMPLE NO

HIMW-4S

Lab Name: H2M LABS, INC.

Lab Code: 10478

CAS No.

Case No.

SAS No.:

SDG No.: KEY-URS002F

Matrix (soil/water): WATER

Lab Sample ID: 0708809-003

Level (low/med):

LOW

Date Received: 7/31/2007

% Solids:

0.0

Analyte

Concentration Units (ug/L or mg/kg dry weight): UG/L

Concentration C

-	М	_
	₽	1

Q

Color Before: COLORLESS_ Clarity Before:

7439-89-6 Iron

CLEAR

48.4 8

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

115672

Comme	
	DATE REPORTED: AUGUST 9, 2007
-	DISSOLVED METALS
-	

EPA SAMPLE NO

HIMW-10D

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Matrix (soil/water): WATER

Lab Sample ID: 0708977-001

Level (low/med):

LOW

Date Received:

8/3/2007

% Solids:

1 - 3

0.0

Concentration Units (ug/L or mg/kg dry weight):

UG/L

Concentration | C Μ CAS No. Analyte 929 1 7439-89-6 Iron

Color Before: COLORLESS Clarity Before:

CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

ilitorn

Comm	ents:
	Date Reported: 8/21/2007

EPA SAMPLE NO

HIMW-10D

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002F

Matrix (soil/water): WATER

Lab Sample ID: 0708978-001

Level (low/med):

LOW

Date Received: 8/3/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	48.9	28		Р	/

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

Comments:	
DATE	1

DATE REPORTED: AUGUST 9, 2007

DISSOLVED METALS

EPA SAMPLE NO

1 INORGANIC ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC.

Lab Code: 10478 Case No. SAS No.:

SDG No.: KEY-URS003

Matrix (soil/water): WATER

Lab Sample ID: <u>0708926-001</u>

Level (low/med):

LOW

Date Received: 8/2/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	129			Р	-

Color Before: COLORLESS Clarity Before: CLEAR Color After: COLORLESS Clarity After:

CLEAR

Texture:

Artifacts:

11/19/07

Comme	ents:
	Date Reported: 8/16/2007

KEY-URS003/003F S83

EPA SAMPLE NO

HIMW-10I

Lab Name: <u>H2M LABS</u>, INC.

Lab Code: <u>10478</u>

Case No. SAS No.:

SDG No.: KEY-URS003F

Matrix (soil/water): WATER

Lab Sample ID: 0708929-001

Level (low/med):

LOW

Date Received: 8/2/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	75.3	Æ		P	-

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

allako m

Comm	ents:
	Date Reported: 8/13/2007
	Dissolved Metals

EPA SAMPLE NO

HIMW-10S

Lab Name: H2M LABS, INC.

Lab Code: 10478

CAS No.

Case No.

SAS No.:

SDG No.: KEY-URS003

Matrix (soil/water): WATER

Lab Sample ID: 0709039-001

Level (low/med):

LOW

Date Received: 8/6/2007

% Solids:

0.0

Analyte

Concentration Units (ug/L or mg/kg dry weight):

Concentration C

UG/L

М P

Q

Color Before: COLORLESS Clarity Before: Color After: COLORLESS Clarity After:

7439-89-6 Iron

CLEAR CLEAR

3910

Texture:

Comment	ts: ate Reported:	8/16/2007		
			 	 1417
			 	

EPA SAMPLE NO

HIMW-10S

Lab Name: <u>H2M LABS</u>, INC.

Lab Code: <u>10478</u>

Case No.

SAS No.:

SDG No.: KEY-URS003F

Matrix (soil/water): WATER

Lab Sample ID: 0709041-001

Level (low/med):

LOW

Date Received: 8/6/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): $\underline{\text{UG/L}}$

CAS No.	Analyte	Concentration	С	Q	М
7439-89-6	Iron	2510			P
	<u></u>				

Color	Before:	COLORLESS	Clarity	Before:	CLEAR	Texture:	
Color	After:	COLORLESS	Clarity	After:	CLEAR	Artifacts:	

Comments: Date Reported: 8/13/2007 Dissolved Metals

EPA SAMPLE NO

HIMW-12D

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Matrix (soil/water): WATER

Lab Sample ID: 0708808-001

Level (low/med):

LOW

Date Received: 7/31/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	255			P	T

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

11/15/07/

Comments:		
Date Reported:	8/21/2007	

EPA SAMPLE NO

HIMW-12D

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002F

Matrix (soil/water): WATER

Lab Sample ID: 0708809-001

Level (low/med):

LOW

Date Received: 7/31/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	98.2	₽,		P	1

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

"yesport

Comments:		
DATE REPORTED: AUGUST 9,	2007	
DISSOLVED METALS		

EPA SAMPLE NO

HIMW-12I

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Matrix (soil/water): WATER

Lab Sample ID: <u>0708763-001</u>

Level (low/med):

LOW

Date Received: <u>7/30/2007</u>

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight):

					T
CAS No.	Analyte	Concentration	С	Q	М
7439-89-6	Iron	20500		÷₩*	P
1733 03 0					1

Color Before: COLORLESS Clarity Before:

CLEAR

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

1/15/02

Comments:	
Date Reported: 8/21/2007	

KEY-URS002/002F S86

1 INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO

HIMW-12I

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002F

Matrix (soil/water): WATER

Lab Sample ID: 0708764-001

Level (low/med):

LOW

Date Received: 7/30/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

	CAS No.	Analyte	Concentration	С	Q	М
l	7439-89-6	Iron	16900			P
ł						1

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Comments:	
DATE REPORTED: AUGUST 9,	2007
DISSOLVED METALS	

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l INORGANIC ANALYSIS DATA SHEET	EPA SAMPLE NO
Contract:	HIMW-12S

Lab Name: H2M LABS, INC.

Lab Code: 10478 Case No.

SAS No.:

SDG No.: KEY-URS001

Matrix (soil/water): WATER

Lab Sample ID: 0708641-001

Level (low/med):

LOW

Date Received: 7/26/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): $\underline{\text{UG/L}}$

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	390		*	P	1

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After: CLEAR

Comments	::	
Date	e Reported: 8/13/07	
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- m - w-	Account to the second s	

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

HIMW-12S

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS001F

Matrix (soil/water): WATER

Lab Sample ID: 0708638-001

Level (low/med):

LOW

Date Received: 7/26/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	34.7	28		P	1

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

Comme	ents:
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DATE REPORTED: AUGUST 7, 2007

DISSOVLED METALS

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1 INORGANIC ANALYSIS DATA SHEET	EPA	SAMPLE	NO
Contract.	F	HIMW-14D	J. L

Lab Code: 10478 Case No.

SDG No.: KEY-URS001

Lab Name: H2M LABS, INC.

SAS No.:

Matrix (soil/water): WATER

Lab Sample ID: 0708594-001

Level (low/med):

LOW

Date Received: 7/25/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	5620		*	P	-

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After: CLEAR

Comme	ents:
	Date Reported: 8/13/07

EPA SAMPLE NO

HIMW-14D

Lab Name: <u>H2M LABS</u>, INC.

Lab Code: 10478 Case No.

SAS No.:

Contract:

SDG No.: KEY-URS001

Matrix (soil/water): WATER

Lab Sample ID: 0708595-001

Level (low/med): LOW

Date Received: 7/25/2007

% Solids:

with su

200

0.0

Concentration Units (ug/L or mg/kg dry weight): \underline{UG}/L

CAS No.	Analyte	Concentration	С	Q	M
7439-89-6	Iron	898			Р
F 1					

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Comment	as:
DA	TE REPORTED: AUGUST 7, 2007
	SSOVLED METALS

EPA SAMPLE NO

Lab Name: H2M LABS, INC.

Contract:

HIMW-14I

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS001

Matrix (soil/water): WATER

Lab Sample ID: 0708641-003

Level (low/med):

LOW

Date Received: 7/26/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): $\underline{\text{UG/L}}$

	ş					
CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	44900		*	Р	2

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Comments:
Date Reported: 8/13/07

			U.S. EPA	- (CLP					
	1 INORGANIC ANALYSIS DATA SHEET						EPA SAMPLE NO			
							HIMW-14I			
Lab Name:	H2M LABS,	INC.	Contract:							
Lab Code:	10478	Case No.	SA	SN	No.:			S	DG No.:	KEY-URS001
Matrix (so:	il/water):	WATER			Lab S	ample	e ID:	0708	3638-002	
Level (low,	/med):	TOM	Date Received:					7/26	5/2007	
% Solids:		0.0								
	Concentra	tion Units	(ug/L or mg/kg	dr	y weigh	ht):	UG/L	2		
	CAS No.	Analyte	Concentration	С	Q	М				
	7439-89-6	Iron	16700			P	and the same of th			
		ESS Clarity	#				Textu Textu			TO THE STATE OF TH

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	1			EPA	SAMPLE	NO
INORGANIC	ANALYSIS	DATA	SHEET	Γ		
					17MG 160	

Lab Name: H2M LABS, INC.

Contract:

HIMW-15D

Lab Code: 10478 Case No.

SAS No.:

SDG No.: KEY-URS001

Matrix (soil/water): WATER

Lab Sample ID: <u>0708594-002</u>

Level (low/med):

LOW

Date Received: 7/25/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	17200		*	Þ	1

Color Before: COLORLESS Clarity Before: CLOUDY

Texture:

Color After: COLORLESS Clarity After: CLEAR

Artifacts:

Comments:	
Date Reported:	8/13/07

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

HIMW-15D

Lab Name: H2M LABS, INC.

SDG No.: KEY-URS001

Lab Code: 10478 Matrix (soil/water): WATER SAS No.:

Contract:

Case No.

Lab Sample ID: 0708595-002

Level (low/med):

LOW

Date Received: 7/25/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М
7439-89-6	Iron	15200			Р

Color Before: COLORLESS Clarity Before: CLEAR Texture: Artifacts: Color After: COLORLESS Clarity After: CLEAR

Comments: DATE REPORTED: AUGUST 7, 2007 DISSOVLED METALS

U.S. EPA - CLP

		TN	ORGANIC AN	l Interes	3N TO A C L	ıcem	EPA SAM	MPLE NO
Lab Name:	H2M LABS,		ONOMIVIC MI		itract:		WMIH	-15I
Lab Code:	10478	Case No.		SAS N	o.:		SDG No.:	KEY-URS001
Matrix (so	il/water):	WATER			Lab Sa	mple ID:	0708517-002	
Level (low	/med):	LOW			Date R	deceived:	7/24/2007	
% Solids:		0.0						
	Concentrat	ion Units	(ug/L or m	g/kg dry	weigh	t): <u>UG/</u> L	<u>.</u>	
	CAS No.	Analyte	Concentra	tion C	Q	М		
	7439-89-6	Iron		480	*	P 4		
Color Befo	re: COLORLE	SS Clarity	Before:	CLEAR		Textu	re:	
Color Afte	r: COLORLE	SS Clarity	After:	CLEAR	-	Artifa	acts:	

"paloson

Comm	ents:					
	Date Reported:	8/13/07		 		
			·	 	· · · · · · · · · · · · · · · · · · ·	
	1.15 (1.1) The contract was as a			 		 - ^

EPA SAMPLE NO

HIMW-15I

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS001F

Matrix (soil/water): WATER

Lab Sample ID: 0708520-001

Level (low/med):

LOW

Date Received: 7/24/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight):

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	97.4	25		Р	,

Color Before: COLORLESS Clarity Before: CLEAR Texture: Color After: COLORLESS Clarity After: CLEAR Artifacts:

"latar

comments:
DATE REPORTED: AUGUST 7, 2007
DISSOVLED METALS

EPA SAMPLE NO

HIMW-18I

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Matrix (soil/water): WATER

Lab Sample ID: 0708977-002

Level (low/med):

LOW

Date Received: 8/3/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): $\underline{\text{UG/L}}$

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	3560		N*	P	=

Color Before: COLORLESS Clarity Before:

CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

Makon

Comme	ents:
O Chian	Date Reported: 8/21/2007

U.S. EPA - CLP

1 INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO

HIMW-18I

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002F

Matrix (soil/water): WATER

Lab Sample ID: 0708978-002

Level (low/med):

LOW

Date Received: 8/3/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	159			Р	

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

mments:	
DATE REPORTED: AUGUST 9, 2007	
DISSOLVED METALS	

EPA SAMPLE NO

HIMW-200S

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Matrix (soil/water): WATER

Lab Sample ID: 0708808-002

Level (low/med):

LOW

Date Received: 7/31/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	50.7	æ	AF#	P	<

Color Before: COLORLESS Clarity Before:

CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

4/15/010

Comments:	
Date Reported: 8/21/2007	

EPA SAMPLE NO

HIMW-200S

Lab Name: H2M LABS, INC.

Lab Code: <u>10478</u>

Case No.

SAS No.:

SDG No.: KEY-URS002F

Matrix (soil/water): WATER

Lab Sample ID: 0708809-002

Level (low/med):

LOW

Date Received: 7/31/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	42.7	B		P	1

Color Before: COLORLESS Clarity Before:

CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

11/15/07

Comments:	
DATE REPORTED: AUGUST 9,	2007
DISSOLVED METALS	

Lab Name: <u>H2M LABS</u>, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS003

EPA SAMPLE NO

FB 080207

Matrix (soil/water): WATER

Lab Sample ID: <u>0708926-007</u>

Level (low/med):

LOW

Date Received: 8/2/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	39.9	,₿		Р	
1	f		i		İ	l

Color Before: COLORLESS Clarity Before: CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

1/4/07m

Comments:	
Date Reported: 8/16/2007	

EPA SAMPLE NO

FB 080207

Lab Name: H2M LABS, INC.

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS003F

Matrix (soil/water): WATER

Lab Sample ID: 0708929-003

Level (low/med):

LOW

Date Received: 8/2/2007

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): $\underline{\text{UG/L}}$

CAS No.	Analyte	Concentration	С	Q	М	
7439-89-6	Iron	3.8	18		P	丁

Color Before: COLORLESS Clarity Before:

CLEAR

Texture:

Color After: COLORLESS Clarity After:

CLEAR

Artifacts:

Commer	nts:
0	Date Reported: 8/13/2007
	Dissolved Metals
_	

575 Broad Hollow Road, Metville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOHID#10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203

Attn To:

Michael Akerbergs

Lab No.: 0709039-004

Sample Information...

Type: Aqueous

Origin:

Client ID. : HIMW-4D

Collected Received

8/6/2007 2:00:00 PM

Collected By Client

8/6/2007 4:37:00 PM

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Parameter(s)	Results	Qualifier D.F.	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	210	I 1	CFU/mL	M9215B	08/06/2007 5:15 PM
Alkalinity, Total (As CaCO3)	13.0	1	mg/L	E310.1	08/10/2007 2:22 PM
Free Carbon Dioxide	60.9	1	mg/L	M4500CO2D	08/10/2007 5:02 PM
Nitrite as N	< 0.10	1	mg/L	E353.2	08/07/2007 11:10 AM
Nitrate as N	4.36	10	mg/L	E353.2	08/09/2007 1:38 PM
Sulfate	27.8	· 1	mg/L	E375.4	08/07/2007 11:50 AM

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/23/2007

Joann M. Slavin

575 Broad Hollow Road, Metville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203

Attn To:

Michael Akerbergs

Lab No.: 0708926-002

Sample Information...

Type: Aqueous

Origin:

Collected

8/2/2007 2:45:00 PM

Received

8/2/2007 4:40:00 PM

Collected By Client

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Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	320	1	10	CFU/mL	M9215B	08/02/2007 5:00 PM
Alkalinity, Total (As CaCO3)	34.8		2	mg/L	E310.1	08/03/2007 2:20 PM
Free Carbon Dioxide	63.5		1	mg/L	M4500CO2D	08/03/2007 5:04 PM
Nitrite as N	< 0.10		1	mg/L	E353.2	08/03/2007 12:26 PM
Nitrate as N	2.36		5	mg/L	E353.2	08/06/2007 1:42 PM
Sulfate	23.7		1	mg/L	E375.4	08/07/2007 11:36 AM

Client ID. : HIMW-41

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/23/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No. : 0708808-003

Sample Information...

Type: Aqueous

Origin:

URS Corporation 201 Willowbrook Blvd.

Wayne, NJ 14203 Attn To:

Michael Akerbergs

7/31/2007 2:00:00 PM

Collected Received

7/31/2007 4:00:00 PM

Collected By Client Copies To

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Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	210	J	1	CFU/mL	M9215B	07/31/2007 4:30 PM
Alkalinity, Total (As CaCO3)	12.6 •		1	mg/L	E310.1	08/03/2007 11:55 AM
Free Carbon Dioxide	39.6		1	mg/L	M4500CO2D	08/03/2007 5:02 PM
Nitrite as N	< 0.10	-	1	mg/L	E353.2	08/01/2007 9:39 AM
Nitrate as N	3.39	-	5	mg/L	E353.2	08/01/2007 10:56 AM
Sulfate	18.5		1	mg/L	E375.4	08/01/2007 11:18 AM

Client ID. : HIMW-4S

11/12/01/20

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/22/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH (D# 10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203 Attn To:

Michael Akerbergs

Lab No. : 0708977-001

Sample Information...

Type: Aqueous

Origin:

Collected

8/3/2007 1:00:00 PM

Received

8/3/2007 3:49:00 PM

Collected By Client

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Parameter(s)	Results	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	120	1	1	CFU/mL	M9215B	08/03/2007 4:30 PM
Alkalinity, Total (As CaCO3)	4.8		1	ma/L	E310.1	08/10/2007 1:26 PM
Free Carbon Dioxide	42.9		1	mg/L	M4500CO2D	08/10/2007 5:00 PM
Nitrite as N	< 0.10		1	mg/L	E353.2	08/03/2007 6:05 PM
Nitrate as N	2.14		5	mg/L	E353.2	08/06/2007 1:47 PM
Sulfate	22.0		2.5	mg/L	E375.4	08/07/2007 11:40 AN

Client ID. : HIMW-10D

1/15/07

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/22/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203

Attn To:

Michael Akerbergs

Lab No.: 0708926-001

Client ID. : HIMW-101

Sample Information...

Type: Aqueous

Origin:

Collected Received 8/2/2007 1:50:00 PM 8/2/2007 4:40:00 PM

Collected By Client

Client

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Parameter(s)	Results	Qualifier D.F.	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	340	J 10	CFU/mL	M9215B	08/02/2007 5:00 PM
Alkalinity, Total (As CaCO3)	< 1.0	1	mg/L	E310.1	08/03/2007 2:15 PM
Free Carbon Dioxide	< 1.0	1	mg/L	M4500CO2D	08/03/2007 5:03 PM
Nitrite as N	< 0.10	1	mg/L	E353.2	08/03/2007 12:25 PM
Nitrate as N	2.40	5	mg/L	E353.2	08/06/2007 1:40 PM
Sulfate	30.2	1	mg/L	E375.4	08/07/2007 11:34 AM

1/1/2/20

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/23/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040. FAX: (631) 420-8436 NYSDOHID# 10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203

Attn To:

Michael Akerbergs

Lab No. : 0709039-001

Sample Information...

Type: Aqueous

Origin:

Client ID. : HIMW-10S

Collected Received 8/6/2007 3:45:00 PM

Collected By Client

8/6/2007 4:37:00 PM

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Parameter(s)	Results	Qualifier	<u>D.F.</u>	Units	Method Number	<u>Analyzed</u>
Standard Plate Count	1000	1	10	CFU/mL	M9215B	08/06/2007 5:15 PM
Alkalinity, Total (As CaCO3)	1.7		1	mg/L	E310.1	08/10/2007 1:58 PM
Free Carbon Dioxide	9.4		1	mg/L	M4500CO2D	08/10/2007 5:01 PM
Nitrite as N	0.22		1	mg/L	E353.2	08/07/2007 11:09 AM
Nitrate as N	5.51		10	mg/L	E353.2	08/09/2007 1:37 PM
Sulfate	96.5		5	mg/L	E375,4	08/07/2007 11:48 AM

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/23/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040. FAX: (631) 420-8436 NYSDOHID#10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203 Attn To:

Michael Akerbergs

Lab No.: 0708808-001

Sample Information...

Type: Aqueous

Origin:

Client ID. : HIMW-12D

Collected Received

7/31/2007 3:00:00 PM

Collected By Client Original

Copies To

7/31/2007 4:00:00 PM

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Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	100	7	1	CFU/mL	M9215B	07/31/2007 4:30 PM
Alkalinity, Total (As CaCO3)	6.1		1	mg/L	E310.1	08/03/2007 11:45 AN
Free Carbon Dioxide	70.2		1	mg/L	M4500CO2D	08/03/2007 5:00 PM
Nitrite as N	< 0.10	-	1	mg/L	E353.2	08/01/2007 9:34 AM
Nitrate as N	1.39		1	mg/L	E353.2	08/01/2007 10:51 AM
Sulfate	61.8 ·		2.5	mg/L	E375.4	08/01/2007 11:10 AN

"/isks or

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/22/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOHID#10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203

Attn To: Michael Akerbergs Lab No. : 0708763-001

Sample Information...

Type: Aqueous

Origin:

Collected Received 7/30/2007 2:45:00 PM

Collected By Client

7/30/2007 4:55:00 PM

Copies To

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Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	77	7	1	CFU/mL	M9215B	07/30/2007 5:00 PM
Alkalinity, Total (As CaCO3)	69.4		4	mg/L	E310.1	07/31/2007 1:30 PM
Free Carbon Dioxide	230 -		1	mg/L	M4500CO2D	07/31/2007 2:05 PM
Nitrite as N	< 0.10		1	mg/L	E353.2	07/31/2007 10:01 AN
Nitrate as N	< 0.10		1	mg/L	E353.2	07/31/2007 12:35 PM
Sulfate	43.2 -		2.5	mg/L	E375.4	08/01/2007 11:06 AN

Client ID. : HIMW-12I



Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/22/2007

Joann M. Slavin

575 Broad Hollow Road, Metville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOHID# 10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203 Attn To:

Michael Akerbergs

Lab No. : 0708641-001

Sample Information...

Type: Aqueous

Origin:

Client ID. : HIMW-12S

Collected

:7/26/2007 2:35:00 PM

Received

:7/26/2007 3:47:00 PM

Collected By Client

Copies To : Original CC

Parameter(s)	Results	Qualifier	D.F.	<u>Units</u>		Method Number	Analyzed
Standard Plate Count	460		10	CFU/mL		M9215B	07/26/2007 4:00 PM
Alkalinity, Total (As CaCO3)	30.2		2	mg/L		E310.1	07/31/2007 12:58 PM
Free Carbon Dioxide	64.7		1	mg/L		M4500CO2D	07/31/2007 2:04 PM
Nitrite as N	< 0.10 +		1	mg/L	7	E353.2	07/27/2007 11:34 AM
Nitrate as N	5.29		10	mg/L		E353.2	07/27/2007 9:53 AM
Sulfate	21.6 -		1	mg/L		E375.4	08/01/2007 10:58 AM

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/15/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID#10478

LABORATORY RESULTS

URS Corporation La 201 Willowbrook Blvd.

Lab No. : 0708594-001

Sample Information...

Type: Aqueous

Origin:

Wayne, NJ 14203 Attn To: Mick

Michael Akerbergs

Client ID. : HIMW-14D

Collected

:7/25/2007 1:15:00 PM :7/25/2007 4:10:00 PM

Received: 7/25/2 Collected By Client

Copies To :Original CC

Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	190 -	1	1	CFU/mL	M9215B	07/25/2007 4:30 PM
Alkalinity, Total (As CaCO3)	24.1 -		1	mg/L	E310.1	07/31/2007 12:18 PM
Free Carbon Dioxide	171		1	mg/L	M4500CO2D	07/31/2007 2:01 PM
Nitrite as N	< 0.10 •		1	mg/L	E353.2	07/26/2007 10:06 AM
Nitrate as N	< 0.10		1	mg/L	E353.2	07/26/2007 11:16 AM
Sulfate	79.5 °		5	mg/L	E375.4	08/01/2007 10:42 AM

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Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/15/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOHID#10478

LABORATORY RESULTS

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203 Attn To:

Michael Akerbergs

Lab No. : 0708641-003

Sample Information...

Type: Aqueous

Origin:

Client ID. : HIMW-14I

Collected Received

:7/26/2007 1:50:00 PM

Collected By Client

:7/26/2007 3:47:00 PM

Copies To :Original

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Parameter(s)	Results	Qualifier	D.F.	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	160 -	1	1	CFU/mL	M9215B	07/26/2007 4:00 PM
Alkalinity, Total (As CaCO3)	62.5 -		5	mg/L	E310.1	07/31/2007 1:22 PM
Free Carbon Dioxide	244		1	mg/L	M4500CO2D	07/31/2007 2:06 PM
Nitrite as N	< 0.10		1	mg/L	E353,2	07/27/2007 11:35 AM
Nitrate as N	< 0.10	-	1	mg/L	E353.2	07/27/2007 9:55 AM
Sulfate	23.1		1	mg/L	E375.4	08/01/2007 11:02 AM

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/15/2007

Joann M. Slavin

KEY-URS001/001F A116

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID#10478

LABORATORY RESULTS

URS Corporation 201 Willowbrook Blvd. Lab No. : 0708594-002

Sample Information...

Type: Aqueous

Wayne, NJ 14203 Attn To:

Michael Akerbergs

Origin:

Collected

:7/25/2007 3:10:00 PM

Received

:7/25/2007 4:10:00 PM

Collected By Client

Copies To :Original

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Parameter(s)	Results	Qualifier D.F.	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	930 ~	10	CFU/mL	M9215B	07/25/2007 4:30 PM
Alkalinity, Total (As CaCO3)	< 1.0	1	mg/L	E310.1	07/31/2007 12:42 PM
Free Carbon Dioxide	< 1.0	1	mg/L	M4500CO2D	07/31/2007 2:02 PM
Nitrite as N	< 0.10 -	1	mg/L	E353.2	07/26/2007 10:10 AM
Nitrate as N	< 0.10 -	1	mg/L	E353.2	07/26/2007 11:19 AM
Sulfate	57.5 ~	2.9	i mg/L	E375.4	08/01/2007 10:54 AM

Client ID. : HIMW-15D

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/15/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOHID#10478

LABORATORY RESULTS

URS Corporation Lab No. : 0708517-002 Sample Information...

Type: Aqueous

Origin:

201 Willowbrook Blvd. Wayne, NJ 14203

Attn To:

Michael Akerbergs

:7/24/2007 3:10:00 PM

Received

Collected

:7/24/2007 4:00:00 PM

Collected By Client

Copies To :Original

CC

Parameter(s)	Results	Qualifier D.F.	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	640 -	10	CFU/mL	M9215B	07/24/2007 4:30 PM
Alkalinity, Total (As CaCO3)	63.0 -	4	mg/L	E310.1	07/31/2007 11:46 AM
Free Carbon Dioxide	135	1	mg/L	M4500CO2D	07/31/2007 2:00 PM
Nitrite as N	< 0.10	1	mg/L	E353.2	07/25/2007 11:48 AM
Nitrate as N	0.20 -	1	mg/L	E353.2	07/25/2007 4:00 PM
Sulfate	29.6 👍 🕆	1	mg/L	E375.4	08/01/2007 10:38 AM

Client ID. : HIMW-15I

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported :

8/15/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH!D#10478

LABORATORY RESULTS

Lab No.: 0708977-002

Client ID. : HIMW-181

Sample Information...

Type: Aqueous

Origin:

URS Corporation

Wayne, NJ 14203

201 Willowbrook Blvd.

Attn To:

Michael Akerbergs

8/3/2007 3:00:00 PM

Collected Received

8/3/2007 3:49:00 PM

Collected By Client

Copies To

Original CC

Parameter(s)	<u>Results</u>	Qualifier	D.F.	Units	Method Number	Analyzed
Standard Plate Count	3800	ব	100	CFU/mL	M9215B	08/03/2007 4:30 PM
Alkalinity, Total (As CaCO3)	< 1.0		1	mg/L	E310.1	08/13/2007 10:40 AM
Free Carbon Dioxide	< 1.0 .		1	mg/L	M4500CO2D	08/13/2007 5:00 PM
Nitrite as N	< 0.10	~	1	mg/L	E353.2	08/03/2007 6:08 PM
Nitrate as N	4.10 ~		5	mg/L	E353.2	08/06/2007 1:50 PM
Sulfate	57.2		2.5	mg/L	E375.4	08/07/2007 11:46 AM

"/spr

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/22/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOH ID# 10478

LABORATORY RESULTS

Lab No.: 0708808-002

Client ID. : HIMW-20OS

Sample Information...

Type: Aqueous

Origin:

URS Corporation

201 Willowbrook Blvd.

Wayne, NJ 14203

Attn To:

Michael Akerbergs

Collected Received

7/31/2007 2:15:00 PM

Collected By Client

7/31/2007 4:00:00 PM

Copies To

Original

CC

Parameter(s)	Results	Qualifier	D.F.	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	210	1	1	CFU/mL	M9215B	07/31/2007 4:30 PM
Alkalinity, Total (As CaCO3)	12.4 ~		1	mg/L	E310.1	08/03/2007 11:50 AM
Free Carbon Dioxide	44.1		1	mg/L	M4500CO2D	08/03/2007 5:01 PM
Nitrite as N	< 0.10	-	1	mg/L	E353.2	08/01/2007 9:38 AM
Nitrate as N	3.40 -		5	mg/L	E353.2	08/01/2007 10:55 AM
Sulfate	18.6		1	mg/L	E375.4	08/01/2007 11:14 AM

11/15/07

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/22/2007

Joann M. Slavin

575 Broad Hollow Road, Melville NY 11747 (631) 694-3040 . FAX: (631) 420-8436 NYSDOHID#10478

LABORATORY RESULTS

URS Corporation 201 Willowbrook Blvd.

Wayne, NJ 14203

Attn To:

Michael Akerbergs

Lab No. : 0708926-007

Sample Information...

Type: Field Blank

Origin:

Client ID. : FB 080207

Collected

8/2/2007 2:55:00 PM

Received

8/2/2007 4:40:00 PM

Collected By Client

Copies To Original

CC

Parameter(s)	Results	Qualifier D.F.	<u>Units</u>	Method Number	Analyzed
Standard Plate Count	41	1	CFU/mL	M9215B	08/02/2007 5:00 PM
Alkalinity, Total (As CaCO3)	< 1.0	1	mg/L	E310.1	08/03/2007 2:25 PM
Free Carbon Dioxide	< 1.0	1	mg/L	M4500CO2D	08/03/2007 5:05 PM
Nitrite as N	< 0.10	1	mg/L	E353.2	08/03/2007 12:28 PM
Nitrate as N	< 0.10	1	mg/L	E353.2	08/06/2007 1:43 PM
Sulfate	< 5.0	1	mg/L	E375.4	08/07/2007 11:38 AM

Qualifiers:

E - Value above quantitation range

D - Results for Dilution

D.F. = Dilution Factor

Date Reported:

8/23/2007

Joann M. Slavin

(g/mL)

HIMW-4D

Lab Name:

H2M LABS, INC.

Contract:

Lab Code:

10478

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS003

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0709039-004E

Sample wt/vol:

42.9

ML

Lab File ID:

FID372.raw

Level: (low/med)

LOW

Date Received:

8/6/2007

% Moisture: not dec.

Date Extracted:

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

8/17/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500

74-82-8

 (μl)

CONCENTRATION UNITS:

CAS NO.

COMPOUND Methane

(ug/L or ug/Kg)

μg/L

Q

KEY-URS003/003F S100

Lab Name: <u>H2M LABS, INC.</u>

Contract:

HIMW-4I

Lab Code:

10478

42.8

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS003

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708926-002E

Sample wt/vol:

(g/mL) ML

Lab File ID:

FID285.raw

Level: (low/med)

LOW

Date Received:

Date Extracted:

8/2/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: .75 (mm)

Date Analyzed:

8/8/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500 (µ1)

74-82-8 | Methane

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

Q

HIMW-4S

Lab Name:

H2M LABS, INC.

Contract:

Lab Code:

10478

Case No.:

KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708808-003E

Sample wt/vol:

42.9

(g/mL) ML Lab File ID:

FID282.raw

Level: (low/med)

LOW

Date Received:

7/31/2007

% Moisture: not dec.

Date Extracted:

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

8/8/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500

74-82-8 Methane

(µ1)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

Q μg/L

RSKSOP-175

KEY-URS002/002F S105

FORM I VOA

(g/mL)

HIMW-10D

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code: <u>10478</u>

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708977-001E

Sample wt/vol:

43.1

ML

Lab File ID:

FID290.raw

Level: (low/med)

LOW

Date Received:

8/3/2007

% Moisture: not dec.

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

Date Extracted:

8/9/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

CAS NO.

500 (µ1)

CONCENTRATION UNITS:

(ug/L or ug/Kg)

74-82-8 Methane

COMPOUND

HIMW-10I

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code:

10478

Case No.:

KEY-URS SAS No.:

SDG No.: KEY-URS003

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708926-001E

Sample wt/vol:

42.8

(g/mL) ML

Lab File ID:

FID284.raw

Level: (low/med)

LOW

Date Received:

8/2/2007

% Moisture: not dec.

GC Column: Haye SEP S ID: .75 (mm)

Date Extracted:

Extract Volume:

Date Analyzed:

8/8/2007

(µl)

(µ1)

Dilution Factor:

1.00

Injection Volume:

500

74-82-8 | Methane

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

Q

FORM I VOA

RSKSOP-175

KEY-URS003/003F S80

HIMW-10S

Lab Name:

H2M LABS, INC.

Contract:

Lab Code:

10478

Case No.:

KEY-URS SAS No.: SDG No.: KEY-URS003

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0709039-001E

Sample wt/vol:

42.7

(q/mL) ML Lab File ID:

FID371.raw

Level: (low/med)

LOW

Date Received:

8/6/2007

% Moisture: not dec.

Date Extracted:

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

8/17/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500

74-82-8 Methane

(µ1)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

µg/L

FORM I VOA

RSKSOP-175

KEY-URS003/003F S106

HIMW-12D

Lab Name:

Lab Code:

H2M LABS, INC.

Contract:

KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708808-001E

Sample wt/vol:

42.9

LOW

(g/mL) ML Lab File ID:

FID280.raw

Level: (low/med)

10478

Case No.:

Date Received:

7/31/2007

% Moisture: not dec.

Date Extracted:

GC Column: <u>Haye SEP S</u> ID: .75 (mm)

Date Analyzed:

8/8/2007

Extract Volume:

(µl)

Dilution Factor: 1.00

Injection Volume:

500

(µl)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

74-82-8 Methane

19

HIMW-12I

یab Name:

H2M LABS, INC.

Contract:

Lab Code:

10478

Case No.:

KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708763-001E

Sample wt/vol:

<u>43.1</u>

(g/mL) ML Lab File ID:

FID267.raw

Level:

(low/med)

LOW

Date Received:

7/30/2007

% Moisture: not dec.

Date Extracted:

GC Column: <u>Haye SEP S</u> ID: .75 (mm)

Date Analyzed:

8/8/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500

74-82-8

(µ1)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

Methane

(ug/L or ug/Kg)

Q μg/L

E

340

HIMW-12IDL

Lab Name:

H2M LABS, INC.

Contract:

Lab Code:

10478

Case No.:

Lab Sample ID:

KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water)

Aqueous

0708763-001EDL

Sample wt/vol:

43.1

(g/mL) ML Lab File ID:

FID268.raw

Level: (low/med)

LOW

Date Received:

7/30/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: <u>.75</u> (mm)

Date Extracted: Date Analyzed:

8/8/2007

Extract Volume:

(µl)

Dilution Factor:

43.00

Injection Volume:

500

74-82-8

(µl)

CONCENTRATION UNITS:

330

CAS NO.

COMPOUND

Methane

(ug/L or ug/Kg)

μg/L

(g/mL)

HIMW-12S

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code:

10478

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708641-001E

Sample wt/vol:

43.8

ML

Lab File ID:

FID217.raw

Level: (low/med)

LOW

Date Received:

7/26/2007

% Moisture: not dec.

Date Extracted:

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

7/30/2007

Extract Volume:

(µ1)

Dilution Factor:

1.00

Injection Volume:

500 (µ1)

CONCENTRATION UNITS:

CAS NO.

COMPOUND 74-82-8 Methane

(ug/L or ug/Kg)

µg/L

HIMW-14D

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code:

10478

Case No.:

KEY-URS SAS No.:

SDG No.: KEY-URS001

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708594-001E

Sample wt/vol:

43.1

(g/mL) ML

Lab File ID:

FID205.raw

Level: (low/med)

LOW

Date Received:

7/25/2007

% Moisture: not dec.

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

7/27/2007

Extract Volume:

(µl)

Dilution Factor:

Date Extracted:

1.00

Injection Volume:

CAS NO.

500

74-82-8 Methane

(µ1)

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg)

report Di

HIMW-14DDL

Lab Name:

H2M LABS, INC.

Contract:

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water)

Lab Code: 10478

Aqueous

Lab Sample ID:

Sample wt/vol:

43.4

(g/mL) ML Lab File ID:

0708594-001EDL FID258.raw

Level: (low/med)

LOW

Date Received:

7/25/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: .75 (mm)

Date Analyzed:

Date Extracted:

8/7/2007

Extract Volume:

(µl)

(µl)

Dilution Factor:

43.00

Injection Volume:

500

CONCENTRATION UNITS:

CAS NO.

COMPOUND 74-82-8 Methane

(ug/L or ug/Kg)

μg/L

180

HIMW-14I

Lab Name: <u>H2M LABS, INC.</u>

Contract:

500

Matrix: (soil/water) Aqueous

Lab Sample ID:

0708641-003E

Sample wt/vol:

43.1 (g/mL) ML

Lab File ID:

FID218.raw

Level: (low/med)

LOW

Date Received: 7/26/2007

% Moisture: not dec.

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

Date Extracted:

7/30/2007

Extract Volume:

(µl)

Dilution Factor: 1.00

Injection Volume:

(µ1)

CONCENTRATION UNITS:

µg/L

CAS NO.

COMPOUND 74-82-8 Methane

(ug/L or ug/Kg)

340

perat Di

(g/mL)

HIMW-14IDL

Lab Name: <u>H2M LABS, INC.</u>

GC Column: Haye SEP S ID: .75 (mm)

Contract:

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water)

Lab Code: 10478

Aqueous

Lab Sample ID:

0708641-003EDL

Sample wt/vol:

43.1

ML

Lab File ID:

FID219.raw

Level: (low/med)

LOW

Date Received:

7/26/2007

% Moisture: not dec.

Date Extracted:

Date Analyzed:

7/30/2007

Extract Volume:

(µl)

(µ1)

Dilution Factor:

43.00

Injection Volume:

500

74-82-8 Methane

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

290

HIMW-15D

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code: 10478

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708594-002E

Sample wt/vol:

43.0

(g/mL) ML

Lab File ID:

FID209.raw

Level: (low/med)

LOW

Date Received:

Date Extracted:

7/25/2007

% Moisture: not dec.

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

7/27/2007

Extract Volume:

(µ1)

Dilution Factor:

1.00

Injection Volume: 500

(µl)

CONCENTRATION UNITS:

COMPOUND 74-82-8 Methane

(ug/L or ug/Kg) 320

Perant DI

CLIENT SAMPLE NO.

HIMW-15DDL

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Matrix: (soil/water) Aqueous

Lab Sample ID:

0708594-002EDL

Sample wt/vol:

43.0 (g/mL) ML

Lab File ID: FID212.raw

Level: (low/med)

LOW

Date Received: 7/25/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: <u>.75</u> (mm)

Date Extracted:

Date Analyzed: 7/27/2007

Extract Volume:

 (μl)

Dilution Factor: 43.00

Injection Volume:

500 (µl)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

hā/r

74-82-8 Methane

210

HIMW-15I

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708517-002E

Sample wt/vol:

43.1 (g/mL) ML

Lab File ID:

FID202.raw

Level: (low/med)

LOW

Date Received:

7/24/2007

Date Extracted:

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: <u>.75</u> (mm)

Date Analyzed:

7/27/2007

Extract Volume:

(µ1)

Dilution Factor: 1.00

Injection Volume: 500 (µl)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

74-82-8 Methane

HIMW-15IDL

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code: 10478

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708517-002EDL

Sample wt/vol:

43.1

(g/mL) ML Lab File ID:

FID203.raw

Level: (low/med)

LOW

Date Received:

Date Extracted:

7/24/2007

% Moisture: not dec.

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed:

7/27/2007

Extract Volume:

(µl)

Dilution Factor:

2.00

Injection Volume:

500 (µ1)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

74-82-8 Methane

HIMW-18I

μg/L

Contract: Lab Name: H2M LABS, INC. KEY-URS SAS No.: SDG No.: KEY-URS002 Lab Code: 10478 Case No.: 0708977-002E Lab Sample ID: Matrix: (soil/water) Aqueous Lab File ID: FID293.raw (g/mL) ML43.2 Sample wt/vol: 8/3/2007 Date Received: Level: (low/med) LOW Date Extracted: % Moisture: not dec. 8/9/2007 Date Analyzed: GC Column: Haye SEP S ID: .75 (mm) 1.00 Dilution Factor: (µ1) Extract Volume: 500 (µ1) Injection Volume: CONCENTRATION UNITS:

COMPOUND

74-82-8 | Methane

CAS NO.

(ug/L or ug/Kg)

KEY-URS002/002F S139

μg/L

HIMW-200S

Lab Name: H2M LABS, INC. Contract: Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002 Matrix: (soil/water) Aqueous Lab Sample ID: 0708808-002E Sample wt/vol: 42.7 (g/mL) MLLab File ID: FID281.raw Level: (low/med) LOW Date Received: 7/31/2007 % Moisture: not dec. Date Extracted: GC Column: Haye SEP S ID: .75 Date Analyzed: 8/8/2007 Extract Volume: Dilution Factor: (µ1) 1.00 Injection Volume: 500 (µl) CONCENTRATION UNITS: CAS NO. COMPOUND

74-82-8

Methane

(ug/L or ug/Kg)

(g/mL)

TB073007

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code: 10478

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708763-003E

Sample wt/vol:

43.0

ML

Lab File ID:

FID279.raw

Level: (low/med)

LOW

Date Received:

7/30/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: <u>.75</u> (mm)

Date Analyzed:

Date Extracted:

8/8/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500 (µ1)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

Q μg/L

74-82-8 Methane

KEY-URS002/002F S91

TB 073107

Lab Name:

H2M LABS, INC.

Contract:

Lab Code:

10478

Case No.:

KEY-URS SAS No.: SDG No.: KEY-URS002

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708808-007E

Sample wt/vol:

42.6

(g/mL) ML . Lab File ID:

FID283.raw

Level: (low/med)

LOW

Date Received:

7/31/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: .75 (mm)

Date Analyzed:

Date Extracted:

8/8/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500

74-82-8 Methane

 (μl)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

Q

FORM I VOA

RSKSOP-175

KEY-URS002/002F S118

Contract:

TRIP BLANK-1 नाम्पारी

Lab Code:

10478

Case No.:

KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water)

Aqueous

ML

Lab Sample ID:

0708517-005E

Sample wt/vol:

42.7 (g/mL)

Lab File ID:

FID204.raw

Level: (low/med)

LOW

Date Received:

7/24/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: .75 (mm)

Date Extracted: Date Analyzed:

7/27/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

500 (µ1)

CONCENTRATION UNITS:

CAS NO. 74-82-8

COMPOUND Methane

(ug/L or ug/Kg)

TRIP BLANK-2

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Matrix: (soil/water) Aqueous

Lab Code: 10478

Lab Sample ID:

0708594-005E

Sample wt/vol:

43.4 (g/mL) ML

Lab File ID:

FID213.raw

Level: (low/med)

LOW

Date Received: 7/25/2007

% Moisture: not dec.

Date Extracted:

74-82-8 Methane

GC Column: Haye SEP S ID: .75 (mm)

Date Analyzed: 7/27/2007

Extract Volume:

 (μl)

Dilution Factor: 1.00

Injection Volume: 500

(µl)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

TRIP BLANK-3

Lab Name: <u>H2M LABS, INC.</u>

Contract:

GC Column: Haye SEP S ID: .75 (mm)

0708641-005E

Matrix: (soil/water) Aqueous

Lab Sample ID:

Sample wt/vol:

 $43.2 \qquad (g/mL)$

ML

Lab File ID:

FID220.raw

Level: (low/med)

LOW

Date Received: 7/26/2007

% Moisture: not dec.

500

Extract Volume:

(µl)

Dilution Factor: 1.00

Date Extracted:

Date Analyzed: 7/30/2007

Injection Volume:

(µl)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

µg/L

74-82-8 Methane

(g/mL)

FB 080207

Lab Name: Lab Code:

H2M LABS, INC.

Contract:

10478

Case No.:

KEY-URS SAS No.: SDG No.:

KEY-URS003

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708926-007E

Sample wt/vol:

42.5

ML

Lab File ID:

FID288.raw

Level:

(low/med)

LOW

500

74-82-8

Date Received:

8/2/2007

% Moisture: not dec.

GC Column: Haye SEP S

ID: <u>.75</u> (mm)

Date Extracted: Date Analyzed:

8/9/2007

Extract Volume:

(µ1)

Dilution Factor:

Injection Volume:

 (μl)

CONCENTRATION UNITS:

1.00

CAS NO.

COMPOUND

Methane

(ug/L or ug/Kg)

μg/L

FORM I VOA

RSKSOP-175

KEY-URS003/003F S86

TB 080207

Lab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code: 10478

Case No.:

KEY-URS SAS No.: SDG No.: KEY-URS003

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0708926-008E

Sample wt/vol:

42.4

(g/mL) ML Lab File ID:

FID289.raw

Level: (low/med)

LOW

Date Received:

% Moisture: not dec.

Date Extracted:

8/2/2007

GC Column: Haye SEP S

ID: <u>.75</u> (mm)

COMPOUND

Date Analyzed:

8/9/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

CAS NO.

500 (µl)

74-82-8 Methane

CONCENTRATION UNITS:

(ug/L or ug/Kg)

μg/L

FORM I VOA

RSKSOP-175

KEY-URS003/003F S92

(g/mL)

TB 080607

Lab Name:

H2M LABS, INC.

Contract:

Lab Code:

10478

Case No.:

KEY-URS SAS No.: SDG No.: KEY-URS003

Matrix: (soil/water)

Aqueous

Lab Sample ID:

0709039-005E

Sample wt/vol:

42.6

ML

Lab File ID:

FID373.raw

Level: (low/med)

LOW

Date Received:

8/6/2007

% Moisture: not dec.

GC Column: <u>Haye SEP S</u> ID: <u>.75</u> (mm)

Date Analyzed:

Date Extracted:

8/17/2007

Extract Volume:

(µl)

Dilution Factor:

1.00

Injection Volume:

(µl)

Methane

500

74-82-8

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

μg/L

KEY-URS003/003F S118

APPENDIX B SUPPORT DOCUMENTATION

HARS, INC.

257.5

EXTERNAL CHAIN OF CUSTODY

m. Ke. AK-berp & Urses 10. Coly Unbroken on outer package: Y or N
 CDC record present & complete upon sample receipt: CH FAGE A:CP REMARKS: Shipped or Hand Delivered Airl
 Ambient or chilled, Temp.
 Received in good condition: Y or N
 Property preserved: Y or N Phone Number: COC Tape was: 1. Present on outer package: Yor N Project Contact PIS/Quote # H2M SDG NO: NOTRACATION LABORATORY USE ONLY 37 0 S 8 ۲ ۹ LAB I.D. NO. マカカマ Discrepancies Between COC Record? Yor N Sample Labels and NOTES: WILL OF Explain: NOR S E E <u>Tine</u> ANALYSIS REQUESTED H 74/07 7 Date 44.20 TON Date Date Q ORGANIC € 1 \mathcal{G} C \mathcal{O} a $\mathcal{C}Q$ CLIENT: Containers **Description** Received by: (Signature) od by: (Signature) Total No. of Sample Container Keyspan-Hempstera Interaction 1.00 Time 575 Broad Hollow Rd, Melville, NY 11747-5076 FIELD I.D. 76/ 10/20 Tel: (631) 694-3040 Fax: (631) 420-8436 King stick/URS a.p. Date 3 TURNAROUND TIME: STANCARC MX1 3 Ŵ Q SAMPLERS: (signature)/Cilen SALO SALO PROJECT NAME/NUMBER 700 MATRIX 40 Relinquished by: (Signature) Relinquished by. (Signature) Relinquished by: (Signature DELIVERABLES: TIME 000 1,400 DATE

WEITELGRENO1/GBIGHNALS

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

Client Name KEY-URS





Date and Time Receive

7/24/2007 4:00:00 PM

Sample Receipt Checklist

Work Order Numbe 0708517			Received by	КЈН	, i
Checklist completed by Signature	7DC Date	107	Reviewed by	Initials	1)507 Date
Matrix:	Carrier name P	rickup			
Shipping container/cooler in good condition?	Y	es 🗸	No 🗌 N	lot Applicable	
Custody seals intact on shippping container/coole	er? Y	es 🗍	No 🗌 N	lot Applicable 🗹	
Custody seals intact on sample bottles?	Y	es 🔲	No 🗌 N	lot Applicable 🗹	
Chain of custody present?	Y	es 🗸	No 🗌		
Chain of custody signed when relinquished and re	eceived? Y	′es 🗹	No 🗌		
Chain of custody agrees with sample labels?	Y	′es 🗹	No 🗆		
Samples in proper container/bottle?	Y	′es 🗸	No 🗌		
Sample containers intact?	Y	′es 🗹	No 🗀		
Sufficient sample volume for indicated test?	Υ	′es 🗸	No [_]		
All samples received within holding time?	Υ	′es 🗸	No 🗌		
Container/Temp Blank temperature in compliance	e? Y	′es 🗸	No 🗔		
Water - VOA vials have zero headspace?	No VOA vials submitt	led 🗌	Yes 🗸	No 🗌	
Water - pH acceptable upon receipt?	Υ	es 🗸	No 🗌		
	Adjusted?	Chec	cked b		
Any No and/or NA (not applicable) response mus	st be detailed in the con	nments section t	be		
Client contacted	Date contacted:		Pers	on contacted	A-1,4-1.
Contacted by:	Regarding				
Comments:					18 AT 1888 A 1881 - HEARING BET C. 15 - 15 - 15 - 15 - 15 - 15 - 15 - 15
Corrective Action			7,- ,	ng para na ana ang ang ang ang ang ang ang ang	, ,
1					



Sample Receipt Checklist

Client Name KEY-URS Work Order Numbe 0708520				te and ceived	Time Rec	eive KJH	7/24/2007 4:00:00 PM
Checklist completed by Signature	7 Date	107	Re	viewed	d by	SA.	1/2407
Matrix:	Carrier name	<u>Pickup</u>					
Shipping container/cooler in good condition?		Yes 🔽	No		Not Ap	plicable	
Custody seals intact on shippping container/coole	r?	Yes 🗌	No		Not Ap	plicable	
Custody seals intact on sample bottles?		Yes 🗌	No		Not Ap	plicable	\checkmark
Chain of custody present?		Yes 🔽	No				
Chain of custody signed when relinquished and re	eceived?	Yes 🗹	No				
Chain of custody agrees with sample labels?		Yes 🗸	No				
Samples in proper container/bottle?		Yes 🗸	No				
Sample containers intact?		Yes 🗸	No				
Sufficient sample volume for indicated test?		Yes 🗸	No				
All samples received within holding time?		Yes 🗸	No				
Container/Temp Blank temperature in compliance	?	Yes 🔽	No				
Water - VOA vials have zero headspace?	No VOA vials subm	nitted 🔽		Yes		No []	
Water - pH acceptable upon receipt?		Yes 🗹	No				
A	Adjusted?		Checked	b		m The fact of the second second second second second second second second second second second second second se	
Any No and/or NA (not applicable) response must	be detailed in the co	omments	section be	······································	and the second of		
Client contacted E	Date contacted:	or and their floor rate for a so	and the second s	F	erson cor	tacted	
Contacted by:	Regarding						
Comments:							
		***************************************					<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
Corrective Action		**************************************					
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575 Broad Hollow Rd, Melville, NY 11747-5076

257

EXTERNAL CHAIN OF CUSTODY

Tel:(

Tel: (631) 694-3040 Fax: (631) 420-8436	к: (631) 420-8436	CLIENT:	URS CorporA		(401)	HZM SDG NO:	10000001	<u></u>
PROJECT NAMENUMBER	JECT NAMENUMBER LEYSPAN-HEMPS LEAR ITHERSCHIN	olo Container escription Alzer	7.4	7.186/E	<u> अध्यः</u>	Project Con Projec	Charles of the control of the contro	
SAMPLERS: (signature)/Client Kikh berly Hicks 10RS Car	Jilent Cs /URS Ca@	a ^	1241 50 1201 50 1201 50 121 05 50 121 05	1400	120000 12 00000 12 00000 12 00	Ation	707	
DELIVERABLES:		√ →	7] si	_				
TURNAROUND TIME:	147	Contail No	4/18 2041 105 105		INOFIE.			
DATE TIME MATRIX	FIELD I.D.		ا _{نج} ON رچون	WH	Main Call	AB I.D. NO. REMARKS:	RKS:	
7/5/2/1020 AD	P2-03	6	_	1	258 CHO			
	HTMW-35		-		2008 1	() \ () \ ()		
a4-981	HTMW-19D	11 3 3	7 / 2	+	\$1.28000 1 1 1		0458 45-001	
135/10	HIM-140-MS	001	112		1 1 0730840	3400		
1/	HIMM-140-MSD	00 11		+	1 1 0% 0% 0 1 1			(
1 KIO 178	HIMM-15D	11 2 3	@ - -	7	1 C C C C C C C C C C C C C C C C C C C	000-	HOP828-49	4
	78072507	7	8	-	からののとが	020 Ja-5		
				-				
Relinquished by: (Signature)	Date Time Received by: (Signature)	nature)	Date	Time	LABO	ABORATORY USE ONLY		
かまられ	12/5/17/2/28	S.Wer	7-25-	15.28	Discrepancies Between	Samples were: 1. Shipped or Hand Delivered	Airbili#	
Relinquished by (Signature)	Date Time 7.25-7 /6.10	nature)	Date POS (9)	71me (8) (8)	Sample Labels and COC Record? Yor N Explain:	2. Ambient or chilled, Temp. 3. Received in good condition: Y or N. 4. Property preserved: Y or N.	1	
Relinquished by: (Signature)	Date Time Received by: (Signature)	nature)	Date	Time		1		
				i		COC Tabe was: 1. Present on outer package: Y or N 1. Inharban on outer package: Y or N	2	
Refinquished by: (Signature)	Date Time Received by: (Signature)	nature)	2	<u>P</u>		•	on sample receipt:	
						_		

WATITE LUBBOOL CARLETNABS

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

Key-urs001

Sample Receipt Checklist

Client Name KEY-URS		Date and Time Receive	7/25/2007 4:10:00 PM
Work Order Numbe 0708594		Received by SHW	ŧ
Checklist completed by Signature Date	507	Reviewed by Initials	7/24/07
Matrix: Carrier name	<u>Pickup</u>		
Shipping container/cooler in good condition?	Yes 🗸	No ☐ Not Applicable ☐	
Custody seals intact on shippping container/cooler?	Yes 🗀	No ☐ Not Applicable ☑	
Custody seals intact on sample bottles?	Yes	No ☐ Not Applicable ☑	
Chain of custody present?	Yes 🗹	No 🗀	
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗒	
Chain of custody agrees with sample labels?	Yes 🗹	No []	
Samples in proper container/bottle?	Yes	No 🗹	
Sample containers intact?	Yes 🗸	No 🗀	
Sufficient sample volume for indicated test?	Yes 🔽	No 🗀	
All samples received within holding time?	Yes 🗸	No 🗀	
Container/Temp Blank temperature in compliance?	Yes 🗸	No 🗔	
Water - VOA vials have zero headspace? No VOA vials sub	mitted	Yes 🗹 No 🗌	
Water - pH acceptable upon receipt?	Yes 🗸	No 🗔	
Adjusted?	Che	cked b	
Any No and/or NA (not applicable) response must be detailed in the			
Client contacted (ES Date contacted:	7/25/04	Person contacted M	IIKE AKTEBERES
Contacted by: CORINE Mrs NG Regarding			
comments: SAMPUE HIMW-15D	AND H	and all-mm	tour VIALS
PRESERVED WITH HASOY	MOT	HcL.	
Corrective Action SPOKE WITH MIKE	AKER BE	RES, AND AST	er chent
WE WERE ABLE TO RUN -			
WE WELL HAR IN KUR	10013 WI	III NO OFFICE	•



KEY-URSONF

Sample Receipt Checklist

Client Name KEY-URS			Date and Tim	ne Receive	7/25/2007 4:10:00 PM
Work Order Numbe 0708595			Received by	SHW	
Checklist completed by Signature	An 76	45/07	Reviewed by	Initials	1) 27 (07)
Matrix:	Carrier name	<u>Pickup</u>			
Shipping container/cooler in good condition?		Yes 🗸	No [] N	Not Applicable	
Custody seals intact on shippping container/co	oler?	Yes 🗌	No[] N	Not Applicable 🔽	
Custody seals intact on sample bottles?		Yes 🗌	No 🗆 N	Not Applicable 🗹	
Chain of custody present?		Yes 🔽	No 🗌		
Chain of custody signed when relinquished and	I received?	Yes 🗸	No 🗀		
Chain of custody agrees with sample labels?	Care St. Colored	Yes 🔽	No 🗔		
Samples in proper container/bottle?		Yes 🗹	No 🗌		
Sample containers intact?		Yes 🗹	No 🗀		
Sufficient sample volume for indicated test?		Yes 🗸	No 🗌		
ैं All samples received within holding time?		Yes 🗸	No 🗔		
Container/Temp Blank temperature in complian	nce?	Yes 🗹	No 🗌		
Water - VOA vials have zero headspace?	No VOA vials subn	nitted	Yes 🗹	No 🗀	
Water - pH acceptable upon receipt?		Yes 🗸	No 🗀		
	Adjusted?	Chec	cked b		
Any No and/or NA (not applicable) response mo	ust be detailed in the c	omments section t	be		
Client contacted	Date contacted:		Perso	on contacted	
Contacted by:	Regarding				
Comments:					
				The state of the s	
			· · · · · · · · · · · · · · · · · · ·		
Corrective Action					
					

257 EXTERNAL CHAIN OF CUSTODY	H2M SDG	Thorner of the search on the search of the s	10000000000000000000000000000000000000	ANALYSIS REQUESTE	MA 主義	5 2 2 1 0 0 20 6 41 - (2) 2 5 2 2 1 0 0 20 6 6 41 - (2) 2	000	- d		A 7.26 6.01 Discrepancies Between	Date Time Sample Labels and 2. Ambient of COC Record? Yor N 3. Received Explain:		Date Lime
HZ, ABS, INC.	575 Broad Hollow Rd, Melville, NY 11747-5076	PROJECT NAME/NUMBER PROJECT NAME/NUMBER PROJECT NAME/NUMBER	SAMPLERS: (signature)/Client Linders dal 1085 Corp	DELIVERABLES: A US COT H THENKOLIND TIME:	STANDARD THI	AT HI	HTMW1-	1435 AO H JAMOST 1925		Date Time	7-34.	Relinquished by: (Signature) Date IIII Received by: (Signature)	Relinquished by: (Signature) Date Time Received by: (Signature)

WATYELESPOJ/BAIGINAL2

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

KOYURSOO1

H2M LABS, INC.

Sample Receipt Checklist

Client Name KEY-URS			Date and T	ime Receive	7/26/2007 3:47:00 PM
Work Order Numbe 0708641			Received b	y SHW	
Checklist completed by Signature	M AD	610	Reviewed b	by USA Initials	7/27/07-
Matrix:	Carrier name	<u>Pickup</u>			
Shipping container/cooler in good condition?		Yes 🗸	No 🗔	Not Applicable	
Custody seals intact on shippping container/co	ooler?	Yes []	No 🛄	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes 🗔	No 🗌	Not Applicable	
Chain of custody present?		Yes 🗸	· No 🛄		
Chain of custody signed when relinquished an	d received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels?		Yes 🗸	No 🗔		
Samples in proper container/bottle?		Yes 🛂	No 🗔		
Sample containers intact?		Yes 🗹	No 🖂		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗔		
All samples received within holding time?		Yes 🗹	No 🗍		
Container/Temp Blank temperature in complia	ince?	Yes 🗸	No 🗀		
Water - VOA vials have zero headspace?	No VOA vials subr	mitted []	Yes	d No □	
Water - pH acceptable upon receipt?		Yes 🗸	No []]		
	Adjusted?		Checked b		
Any No and/or NA (not applicable) response r	nust be detailed in the c	comments se	ction be		
Client contacted	Date contacted:		Pe	rson contacted	
Contacted by:	Regarding	n som e nement en en enem			
Comments:					
		. <u>.</u>			
Corrective Action			and a superior of the second		





Sample Receipt Checklist

Client Name KEY-URS Work Order Numbe 0708638		Date and Time Receive 7/26/2007 3:47:00 PM Received by SHW
Checklist completed by Signature	~ The lot	Reviewed by 154 7/07
Matrix:	Carrier name Pickup	
Shipping container/cooler in good condition?	Yes 🗸	No Not Applicable
Custody seals intact on shippping container/coo	ler? Yes	No ☐ Not Applicable ☑
Custody seals intact on sample bottles?	Yes 🗀	No ☐ Not Applicable ☑
Chain of custody present?	Yes 🔽	No 🗔
Chain of custody signed when relinquished and	received? Yes 🗹	No 🗔
Chain of custody agrees with sample labels?	Yes 🗸	No 🗔
Samples in proper container/bottle?	Yes 🗸	No 🗀
Sample containers intact?	Yes 🗸	No 🗔
Sufficient sample volume for indicated test?	Yes 🗸	No 🗀
All samples received within holding time?	Yes 🗹	No []
Container/Temp Blank temperature in complian	ce? Yes 🗸	No
Water - VOA vials have zero headspace?	No VOA vials submitted	Yes No No
Water - pH acceptable upon receipt?	Yes 🔽	No 🗀
	Adjusted?	Checked b
Any No and/or NA (not applicable) response mu	ust be detailed in the comments sec	tion be
Client contacted	Date contacted:	Person contacted
Contacted by:	Regarding	
Comments:		
Corrective Action		

575 Broad Hollow Rd, Melville, NY 11747-5076

EXTERNAL CHAIN OF CUSTODY

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	CLIENT: UBSC. CO.		HZM SDG NO:
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Date	,		COC Tape was: 1, Present on outsr package: Yor N
Relinquished by: (Signature) Date Time Received by: (Signature)	gneture) Date Time		 Unbroken on outer package: Y or N COC record present & complete upon sample receipt: Y or N
			25

KENTEL BSPO 1/8PAIGINA 69

YELLOW COPY - CLIENT

PINK COPY - LABORATORY



Key-usson

Sample Receipt Checklist

Client Name KEY-URS			Date and Time Receive	7/27/2007 4:05:00 PM
Work Order Numbe 0708713			Received by SHW	
Checklist completed by Signature	Date Date	27/07	Reviewed by 154	7 Date 07
Matrix:	Carrier name	Pickup		
Shipping container/cooler in good condition?		Yes 🗸	No 🗍 Not Applicable 🗍	
Custody seals intact on shippping container/cooler?		Yes	No Not Applicable	
Custody seals intact on sample bottles?		Yes	No ☐ Not Applicable 🗹	
Chain of custody present?		Yes 🗸	No 🗌	
Chain of custody signed when relinquished and rece	ived?	Yes 🗸	No 🗆	
Chain of custody agrees with sample labels?		Yes	No 🗸	
Samples in proper container/bottle?		Yes 🗸	No []	
Sample containers intact?		Yes 🗸	No 🗔	
Sufficient sample volume for indicated test?		Yes 🗸	No 🗌	
All samples received within holding time?		Yes 🗸	No 🗔	
Container/Temp Blank temperature in compliance?		Yes 🗸	No 🗀	
Water - VOA vials have zero headspace?	o VOA vials subr	mitted	Yes 🗹 No 🗌	
Water - pH acceptable upon receipt?		Yes 🗸	No 🗀	
Adj	usted?	Che	cked b	
Any No and/or NA (not applicable) response must be	e detailed in the o	comments section	be 	
Client contacted Dat	e contacted:		Person contacted	Λ0
Contacted by: Reg	garding			
Comments: THE COULT	LOUSE	DATES	were not	<u> </u>
WRITION ON CH	Lala	of a	ithory.	
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Corrective Action				
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SDG NARRATIVE FOR VOLATILE ORGANICS SAMPLES RECEIVED: 7/24/07, 7/25/07, 7/26/07 & 7/27/07 SDG #: KEY-URS001

For Samples:

HIMW-1D	HIMW-14D	HIMW-12S	HIMW-13I
HIMW-15I	HIMW-15D	HIMW-13D	HIMW-13S
HIMW-19I	HIMW-3S	HIMW-14I	HIMW-3D
PZ-02	PZ-03	HIMW-3I	FB 072707
TRIP BLANK	TRIP BLANK	TRIP BLANK	TB072707

The above samples were analyzed for a specific list of volatile organic analytes according to the requirements of the New York State DEC ASP 2000 method 8260B with category A deliverable. Category B deliverables were requested on 10/18/07 and are included in this data package.

All QC data and calibrations met the requirements of the method, and no problems were encountered with sample analysis. The following should be noted:

- Sample HIMW-14D was analyzed as the matrix spike/matrix spike duplicate. All percent recoveries and RPD's were met except for the slightly high RPD's for toluene and benzene.
- Lab fortified blanks were analyzed. All percent recoveries were within Q.C. limits.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 9, 2007 Revised Date: October 30, 2007

> Joann M. Slavin Senior Vice President

> > Y-URS001/001F S

SDG NARRATIVE FOR SEMIVOLATILE ANALYSES SAMPLE RECEIVED: 7/24/07, 7/25/07, 7/26/07 & 7/27/07 SDG#: KEY-URS001

For Sample:

HIMW-1D	HIMW-14D	HIMW-12S	HIMW-13I
HIMW-15I	HIMW-15D	HIMW-13D	HIMW-13S
HIMW-19I	HIMW-3S	HIMW-14I	HIMW-3D
PZ-02	PZ-03	HIMW-3I	FB 072707

The above samples were analyzed for the STARS list of semivolatile organic analytes by EPA method 8270C in accordance with NYSDEC ASP 2000 and reported with category A deliverables. The client requested a category B package on 10/18/07, which is submitted.

Sample HIMW-14D was analyzed as the matrix spike/matrix spike duplicate. The matrix spike sample was inadvertently not spiked with the matrix spike solution. The matrix spike was reextracted with acceptable recoveries. Since the re-extract was performed within holding times only the re-extract was reported.

Benzo(b)fluoranthene had a %RSD greater than 20.5% in the initial calibration . Benzo(k)fluoranthene had a % D greater than 25% on 7/30/07 and 8/2/07 in the continuing calibrations.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 6, 2007 Revised Date: November 1, 2007

> Joann/M. Ślavin Senior Vice President

7 D

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.:

KEY-URS001

Instrument ID: HP5972

7/30/07 Time: 9:58

Calibration Date:

Init. Calib. Date(s): 06/20/07 06/20/07

EPA Sample No.(SSTD050##): SSTD025 Init. Calib. Times:

Lab File ID: A\C36591.D

12:56

<u> 15:59</u>

GC Column: R-5SILMS

ID: <u>.25</u> (mm)

]	MIN		MAX
COMPOUND	RRF	RRF50	RRF	%D	%D
Naphthalene	1.000	1.027	0.700	2.7	25,0
2-Methylnaphthalene	0.623	0.671	0.400	7.8	25.0
Acenaphthylene	1.882	1.976	1.300	5.0	25.0
Acenaphthene	1.165	1.169	0.800	0.4	25.0
Fluorene	1.326	1.458	0.900	10.0	25.0
Phenanthrene	1.279	1.299	0.700	1.6	25.0
Anthracene	1.368	1.506	0.700	10.1	25.0
Fluoranthene	1.158	1.265	0.600	9.2	25.0
Pyrene	1.517	1.438	0.600	-5.2	25.0
Benzo(a)anthracene	1.266	1.329	0.800	5.0	25.0
Chrysene	1.138	1.209	0.700	6.2	25.0
Benzo(b)fluoranthene	1.464	1.343	0.700	-8.3	25.0
Benzo(k)fluoranthene	0.988	1.327	0.700	34.4	25.0
Benzo(a)pyrene	1.081	1.151	0.700	6.5	25.0
Indeno(1,2,3-cd)pyrene	1.200	1.064	0.500	-11.3	25.0
Dibenzo(a,h)anthracene	1.001	0.858	0.400	-14.3	25.0
Benzo(g,ĥ,i)perylene	1.017	0.772	0.500	24.1	25.0



FORM VII SV- 1

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Lab File ID: A\C36590.D DFTPP Injection Date: 07/30/07

Instrument ID: HP5972 DFTPP Injection Time:

% RELATIVE ION ABUNDANCE CRITERIA ABUNDANCE 51 | 30.0 - 60.0% of mass 198 56.6 Less than 2.0% of mass 69 0.0 (0.0)1 69 Mass 69 relative abundance 77.9 70 Less than 2.0% of mass 69 0.0 (0.0)1 127 40.0 - 60.0% of mass 198 53.6 Less than 1.0% of mass 198 0.0 198 Base peak, 100% relative abundance 100.0 199 5.0 - 9.0% of mass 198 6.1 10.0 - 30.0% of mass 198 275 22.1 365 Greater than 1.0% of mass 198 3.2 441 Present, but less than mass 443 6.6

1-Value is % mass 69 2-Value is % mass 442

442 40.0 - 110.0% of mass 198

443 17.0 - 23.0% of mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA	LAB	LAB	DATE	TIME
-	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	SSTD025	SSTD025	A\C36591.D	07/30/07	9:58
02	MB-21870	MB-21870	A\C36607.D	07/30/07	18:02
03	LFB-21870	LFB-21870	A\C36608.D	07/30/07	18:31
04	LCS-21870	LCS-21870	A\C36609.D	07/30/07	19:01
05	HIMW-1D -	0708517-001B	A\C36610.D	07/30/07	19:31
06	HIMW-151 .	0708517-002B	A\C36611.D	07/30/07	20:00
07	HIMW-19I .	0708517-003B	A\C36612.D	07/30/07	20:30
08	PZ-02 -	0708517-0048	A\C36613.D	07/30/07	20:59

9:43

49.1

10.5 (21.4)2

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS001

Lab File ID: A\C36653.D DFTPP Injection Date: 08/02/07

Instrument ID: HP5972 DFTPP Injection Time: 10:11

		% RELATIVE
m/e	ION ABUNDANCE CRITERIA	ABUNDANCE
51	30.0 - 60.0% of mass 198	54.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	80.4
70	Less than 2.0% of mass 69	0.9 (1.2)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	5.2
275	10.0 - 30.0% of mass 198	21.1
365	Greater than 1.0% of mass 198	3.0
441	Present, but less than mass 443	8.6
442	40.0 - 110.0% of mass 198	48.9
443	17.0 - 23.0% of mass 442	8.7 (17.9)2

1-Value is % mass 69 2-Value is % mass

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	SSTD025	SSTD025	\C36655C.D	08/02/07	10:58
02	MB-21920	MB-21920	A\C36667.D	08/02/07	17:01
03	LFB-21920	LFB-21920	A\C36668.D	08/02/07	17:31
04	LCS-21920	LCS-21920	A\C36669.D	08/02/07	18:00
05	HIMW-131 .	0708713-091B	A\C36670.D	08/02/07	18:30
06	HIMW-13S .	0708713-002B	A\C36671.D	08/02/07	18:59
07	HIMW-3D ,	0708713-003B	A\C36672.D	08/02/07	19:29
08	FB 072707	0708713-0048	A\C36673.D	08/02/07	19:58
09	HIMW-14DMS .	0708594-001BMS	A\C36674.D	08/02/07	20:28

442

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.:

KEY-URS001

Instrument ID: HP5972

Calibration Date:

8/2/07 Time: 10:58

Lab File ID: \C36655C.D

Init. Calib. Date(s): 06/20/07 06/20/07

EPA Sample No.(SSTD050##): SSTD025 Init. Calib. Times:

12:56

15:59

GC Column: R-5SILMS

ID: <u>.25</u> (mm)

			MIN		MAX
COMPOUND	RRF	RRF50	RRF	%D	€D
Naphthalene	1.000	1.020	0.700	2.0	25.0
2-Methylnaphthalene	0.623	0.652	0.400	4.7	25.0
Acenaphthylene	1.882	1.978	1.300	5.1	25.0
Acenaphthene	1.165	1.179	0.800	1.2	25.0
Fluorene	1.326	1.453	0.900	9.6	25.0
Phenanthrene	1.279	1.330	0.700	4.0	25.0
Anthracene	1.368	1.458	0.700	6.6	25.0
Fluoranthene	1.158	1.228	0.600	6.1	25.0
Pyrene	1.517	1.440	0.600	<i>-</i> 5.1	25.0
Benzo(a)anthracene	1.266	1.304	0.800	3.0	25.0
Chrysene	1.138	1.272	0.700	11.7	25.0
Benzo(b)fluoranthene	1.464	1.314	0.700	-10.2	25.0
Benzo(k)fluoranthene	0.988	1.258	0.700	27.4	25.0
Benzo(a)pyrene	1.081	1.119	0.700	3.5	25.0
Indeno(1,2,3-cd)pyrene	1.200	1.393	0.500	16.1	25.0
Dibenzo(a,h)anthracene	1.001	1.163	0.400	16.2	25.0
Benzo(g,h,i)perylene	1.017	1.139	0.500	12.0	25.0

SDG NARRATIVE FOR ANALYSIS OF DISSOLVED GASES SAMPLES RECEIVED: 7/24/07 – 7/25/07 SDG #: KEY-URS001

For Samples:

HIMW-15I TRIP BLANK
TRIP BLANK HIMW-12S
HIMW-14D MS/MSD HIMW-14I
HIMW-15D TRIP BLANK

The above water samples were analyzed for methane according to the requirements of method RSK-175. The method employs analysis of headspace with back-calculation of the water concentration by means of the Henry's law.

All QC data and the calibrations met the requirements of the protocol. The following should be noted:

- Sample HIMW-14D was analyzed as the matrix spike/matrix spike duplicate. QC limits for the recovery data do not apply due to the high concentration of the sample.
- Recovery for the lab fortified blank (LFB) were within acceptance limits.
- The methane concentration in four samples, HIMW-15I, HIMW-14D, HIMW-15D, and HIMW-14I, exceeded the calibration range, and the samples were reanalyzed at a dilution. Both sets of data are reported.
- No values under the quantification limit are reported for methane.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: October 30, 2007

Ursula Middel Technical Manager

U.S. EPA - CLP

6 DUPLICATES EPA SAMPLE NO

HIMW-14D

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URSO

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

% Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): $\underline{\text{UG/L}}$

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	· RPO	Q M
Iron		5617.5100	7542.5900	29.3	* P

Malasan

SDG NARRATIVE FOR DISSOLVED METALS SAMPLES RECEIVED: 7/24/06, 7/25/06 & 7/26/07 SDG#: KEY-URS001F

For Samples:

HIMW-15I HIMW-14D HIMW-15D HIMW-12S HIMW-14I

Five water samples were received by H2M Labs, Inc. on 7/24/06, 7/25/06 and 7/26/07 for dissolved iron analysis.

Samples were prepared and analyzed using EPA method 6010B with a TJA 61E Trace ICP Instrument.

Sample HIMW-14D was utilized for QC analysis and reporting.

No problems were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 8, 2007

Vincent Stancampiano

Vice President

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS001

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

	Initial										T	
	Calib. Blank		Con		nuing Calib Blank (ug/		tion		Prepa- ration			
Analyte	(ug/L)	С	1	С	2	C	3	С	Blank	С		М
Liron	5.6	В	12.5	В	3.8	В	4.	3 B	1.87	2 U		P

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS001

preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

	Initial Calib. Blank	C	C		ing Cal ank (ug		on 3	C	Prepa- ration Blank	М
Analyte Tron	(ug/L)		-	4 B	12	.2 B			Diam	P

14 ANALYSIS RUN LOG

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.

SAS No.: SDG No.: KEY-URS001

Instrument ID Number: TJA61EA

Method: P

Start Date: 08/06/2007

End Date: 08/06/2007

																											
EPA				T										Ar	nal	yte	es										
Sample	D/F	Time	% R	A	S	Α	B.	В	С	С	С	С	С	F	P	М	М	Н	N	K	S	A	N	T	V	Z	С
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FORM XIV - IN

ILM04.1

KEY-URS001F M35

14 ANALYSIS RUN LOG

ab Name: <u>H2M LABS, INC.</u>

Contract:

Lab Code: 10478 Case No.

SAS No.: SDG No.: KEY-URS001

Instrument ID Number: <u>TJA61EA</u>

Method: \underline{P}

Start Date: 08/06/2007

End Date: 08/06/2007

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SDG NARRATIVE FOR WET CHEMISTRY SAMPLES RECEIVED: 7/24/07, 7/25/07 & 7/26/07 SDG: KEY-URS001

For Samples:

HIMW-15I HIMW-14D HIMW-15D HIMW-12S HIMW-14I

Five water samples were received by H2M Labs, Inc. on 7/24/07, 7/25/07 and 7/26/07 for select wet chemistry analysis.

Samples were prepared and analyzed using the following methods:

EPA 310.1 Alkalinity Carbon Dioxide - Dissolved STDM 4500 CO2D Nitrate/Nitrite EPA 353.2 Heterotrophic plate count STDM 9215B EPA 375.4 Sulfate

Sample HIMW-14D was utilized for QC analysis and reporting.

No problems were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 3, 2007

Vincent Stancampiano

Vice President

HE IN LABS, INC. 575 Broad Hollow Rd, Melville, NY 11747-5076

EXTERNAL CHAIN OF CUSTODY

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9/06-	H2M SDG	<u> </u>
	NøTES:	
Kayspan-Herpsteral Instassection	Contained Contained Control Co	
SAMPLERS: (signature) Client King & Che D/URS Corp.	17050 17050 17050 17050 17050 17050 17050 17050 17050 17050 17050 17050 17050 17050	
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	Date Time LABORA	
	Sway 7-31-07 15.20	
Jest 7.31-07 16.00	Explain: 4. Properly preserved: Y or N	

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

COC Tape was:

1, Present on outer package: Y or N

2. Unbroken on outer package: Y or N

3. COC record present & complete upon sample receipt:
Y or N

Safe

Received by: (Signature)

9 1 1

Sate

Relinquished by: (Signature)

E L

Date

Relinquished by: (Signature)

KWWITERSOO2/00HIGMSL



Sample Receipt Checklist

Client Name KEY-URS			Date and	Time Receive	7/31/2007 4:00:00 PM
Work Order Numbe 0708808			Received	by SHW	\ \
Checklist completed by Signature	Date	10)	Reviewed	d by	S Date
Matrix:	Carrier name	Pickup			
Shipping container/cooler in good condition?		Yes 🗹	No 🗆	Not Applicable	
Custody seals intact on shippping container/coolers	?	Yes 🗌	No 🗌	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes 🗌	No 🗆	Not Applicable 🗹	
Chain of custody present?		Yes 🗹	No 🗌		
Chain of custody signed when relinquished and rec	eived?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels?		Yes 🗹	No 🗆		
Samples in proper container/bottle?		Yes 🗹	No 🗆		
Sample containers intact?		Yes 🗹	No 🗔		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌		
All samples received within holding time?		Yes 🗹	No 🗌		
Container/Temp Blank temperature in compliance?	1	Yes 🗹	No 🗌		
Water - VOA vials have zero headspace?	No VOA vials subr	nitted 🗌	Yes	✓ No □	
Water - pH acceptable upon receipt?		Yes 🗹	No 🗌		
A	djusted?		Checked b		
Any No and/or NA (not applicable) response must	be detailed in the c	comments se	ection be		
Client contacted D	ate contacted:			Person contacted	
Contacted by:	egarding				
Comments:					
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Corrective Action					



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Sample Receipt Checklist

Client Name KEY-URS			Date and T	ime Receive	7/31/2007 4:00:00 PM
Work Order Numbe 0708809			Received b	y SHW	
Checklist completed by Signature	Lun Hoate	10-	Reviewed t	by S	S Date
Matrix:	Carrier name	Pickup			
Shipping container/cooler in good condition?		Yes 🗹	No 🗀	Not Applicable	
Custody seals intact on shippping container/coo	ler?	Yes 🗌	No 🗌	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not Applicable 🗹	
Chain of custody present?		Yes 🗹	No 🗀		
Chain of custody signed when relinquished and	received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels?		Yes 🗸	No 🗆		
Samples in proper container/bottle?		Yes 🗹	No 🗔		
Sample containers intact?		Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗀		
All samples received within holding time?		Yes 🗹	No 🗌		
Container/Temp Blank temperature in compliand	ce?	Yes 🗹	No 🗌		
Water - VOA vials have zero headspace?	No VOA vials subn	nitted 🗹	Yes [□ No □	
Water - pH acceptable upon receipt?		Yes 🗹	No 🗌		
	Adjusted?	C	hecked b		
Any No and/or NA (not applicable) response mu	ust be detailed in the c	comments section	on be		
Client contacted	Date contacted:		Pe	rson contacted	
Contacted by:	Regarding				
Comments:		-···			
Corrective Action					

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EXTERNAL CHAIN OF CUSTODY

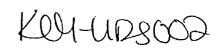
575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (631) 694-3040 Fax: (631) 420-8436

2. Unbroken on outer package: Y or N 3. COC record present & complete upon sample receipt: のよるようとしていれるよう 908-644-900 Phone Number: REMARKS: 人えたいた 3. Received in good condition: Y or N Present on outer package: Yor N 1. Shipped or Hand Delivered
2. Ambient or chilled, Temp H2M SDG NO: YO Notification Prisiduote# 4. Property preserved: Y or N LABORATORY USE ONLY CPORTES -USI COC Tape was: LAB I.D. NO. 54840 Sept. Discrepancies Between COC Record? Yor N Sample Labels and NOTES ひってもらのいっと Explain: 15.46 ANALYSIS REQUESTED 4 12 Jan 16 18 <u>3</u> 7-30-Q) Sate ORGANICA φ φ Ġ, Q CLIENT: Description Received by: (Signature) Received by: (Signature) Sample Container Total No. of BUDANA LOTEA LOTE CAN. Time 15,46 13/07/10/5/ Time FIELD 1.D. HITHW-19T T8073007 TLANS-ST Tel: (631) 694-3040 Fax: (631) 420-8436 Sate SAMPLERS: (signature)/Cilent PROJECT NAME/NUMBER Krolety 3 DATE | TIME | MATRIX fo TURNAROUND TIME: 760/01445/A-2 \$ Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature DELIVERABLES: 1215

KEVT-FORS002/BOSPINAL

YELLOW COPY - CLIENT

PINK COPY - LABORATORY



Sample Receipt Checklist

Client Name KEY-URS			Date and 1	Time Receive	7/30/2007 4:55:00 PM
Work Order Numbe 0708763	Λ ,		Received t	by SHW	
Checklist completed by Signature	Dale	30/07	Reviewed	by JSA initials	73107 Date
Matrix:	Carrier name	Pickup			
Shipping container/cooler in good condition?		Yes 🗸	No 🗀	Not Applicable	
Custody seals intact on shippping container/coo	ler?	Yes	No 🗌	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes :	No 🗀	Not Applicable 🗹	
Chain of custody present?		Yes 🗸	No 🗀		
Chain of custody signed when relinquished and	received?	Yes 🗸	No 🗀		
Chain of custody agrees with sample labels?		Yes 🔽	No 🗀		
Samples in proper container/bottle?		Yes 🗹	No 🗀		
Sample containers intact?		Yes 🗸	No [_]		
Sufficient sample volume for indicated test?		Yes 🗸	No 🗌		
All samples received within holding time?		Yes 🗸	No 🗀		
Container/Temp Blank temperature in compliance	ce?	Yes 🗸	No 🖂		
Water - VOA vials have zero headspace?	No VOA vials subm	ntted	Yes (Ø No □	
Water - pH acceptable upon receipt?		Yes 🗸	No 🗌		
	Adjusted?	c	Checked b		
Any No and/or NA (not applicable) response mu	st be detailed in the co	omments secti	on be		
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Client contacted	Date contacted:		Ре	erson contacted	
Contacted by:	Regarding				
Comments:					
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Sample Receipt Checklist

Client Name KEY-URS			Date and Tim	ne Receive	7/30/2007 4:55:00 PM
Work Order Numbe 0708764			Received by	SHW	
Checklist completed by Signature	N Done	40/	Reviewed by	Initials	7/3/G+
Matrix:	Carrier name	<u>Pickup</u>			
Shipping container/cooler in good condition?		Yes 🗸	No []	Not Applicable	
Custody seals intact on shippping container/coo	ler?	Yes	No 🗌 oN	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes	No 🗌 🔝	Not Applicable 🗹	
Chain of custody present?		Yes 🗸	No 🔲		
Chain of custody signed when relinquished and	received?	Yes 🗸	No 🗌		
Chain of custody agrees with sample labels?		Yes 🗸	No 🗀		
Samples in proper container/bottle?		Yes 🗸	No 🗀		
Sample containers intact?		Yes 🔀	No 🗌		
Sufficient sample volume for indicated test?		Yes 🗸	No 🗌		
All samples received within holding time?		Yes 🗸	No 🗌		
Container/Temp Blank temperature in complian-	ce?	Yes 🗸	No 🗌		
Water - VOA vials have zero headspace?	No VOA vials subr	nitted 🗸	Yes 🗌	No 🗔	
Water - pH acceptable upon receipt?		Yes 🗸	No []		
	Adjusted?	Che	cked b		
Any No and/or NA (not applicable) response mu	ist be detailed in the c	comments section	be		
Client contacted	Date contacted:		Pers	on contacted	
Contacted by:	Regarding				
Comments:					
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Corrective Action					
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HWLABS, INC.

EXTERNAL CHAIN OF CUSTODY

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17-5076	0-8436
75 Broad Hollow Rd, Melville, NY 11747-5076	el: (631) 694-3040 Fax: (631) 420-8436
d, Melville	Fax: (631,
Hollow R	694-3040
75 Broad	el: (631)

75) 51050 11000 110, 110, 110, 110, 110, 11	CLIENT: OBS	U	specation		HZM SDG NO: KOULURS	arrow o
	104		<u>න</u>	NOTES:	Project Contact Nik Ark Dec	
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SAMPLERS: (signature)/Client Lingue Jelica / NOCon	4767 48/600 10	2000, 100, 100, 100, 100, 100, 100, 100,	12 SC	17 20 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Notification	
DELIVERABLES:	1/2 S101	ANALYSIS REQUESTED	771	1		
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Relinquished by: (Supsture) Date Time Received by: (Supsture)	(Juanie)	8	2			
Relinquished by: (Signature) Date Time Received by: (Signature)	gnature)	Date	E L		Unbroken on outer package. To riv COC record present & complete upon sample receipt: Y or N	

KMWJERSODZ/08BJESYS-

YELLOW COPY - CLIENT

PINK COPY - LABORATORY





Sample Receipt Checklist

Client Name KEY-URS		Date and Time	Receive	8/1/2007 3:45:00 PM
Work Order Numbe 0708870	•	Received by	CAM	. 1
Checklist completed by Signature	Date	Reviewed by	Initials	8/3/17
Matrix: Carrier n	ame <u>Pickup</u>			
Shipping container/cooler in good condition?	Yes 🔽		t Applicable	
Custody seals intact on shippping container/cooler?	Yes 🗌		t Applicable ☑	
Custody seals intact on sample bottles?	Yes 🗌	No 🗌 No	t Applicable 🗹	
Chain of custody present?	Yes 🗹	No 🗀		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels?	Yes 🗹	No 🗀		
Samples in proper container/bottle?	Yes 🗹	No 🗌		
Sample containers intact?	Yes 🗹	No 🗀		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗀		
All samples received within holding time?	Yes 🗹	No 🗌		
Container/Temp Blank temperature in compliance?	Yes 🗹	No 🗀		
Water - VOA vials have zero headspace? No VOA via	ls submitted	Yes 🗹	No 🗌	
Water - pH acceptable upon receipt?	Yes 🗹	No 🗌		
Adjusted?	с	hecked b		
Any No and/or NA (not applicable) response must be detailed	in the comments section	on be		=======================================
Client contacted Date contacted	ed:	Perso	on contacted	
Contacted by: Regarding				
Comments:				
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Corrective Action				

EXTERNAL CHAIN OF CUSTODY

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575 Broad Hollow Rd, Melville, NY 11747-5076 Tel: (

Tol. /6.	241 694	-3040 F	Tal. (634) 694.3040 Fax: (631) 420-8436	CLIENT:		J. PSS CJ	00	<i>poration</i>	Ž		HZM SDG NO:	NO: (122-4)	200
PROJE	CT NAM	PROJECT NAME/NUMBER	i.B	-		_	-			NOTES:		Project Contact	
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	150%		HIMW-18II.	Ø	070	0	7	7	1	ð	-035		
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YELLOW COPY - CLIENT

PINK COPY - LABORATORY

COC Tape was:

1. Present on outer package: Y or N

2. Unbroken on outer package: Y or N

3. COC record present & complete upon sample receipt:
Y or N

Time

Sate

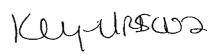
Received by: (Signature)

Time

Sas

Relinquished by: (Signeture)

Relinquished by: (Signa



Sample Receipt Checklist

Client Name KEY-URS		Date and Time Receive	8/3/2007 3:49:00 PM
Work Order Numbe 0708977		Received by CAM	
Checklist completed by Signature	13/07 Date	Reviewed by	8 U 07
Matrix: Carrier	name <u>Pickup</u>		
Shipping container/cooler in good condition?	Yes 🗹	No ☐ Not Applicable ☐]
Custody seals intact on shippping container/cooler?	Yes 🗌	No ☐ Not Applicable ☑	3
Custody seals intact on sample bottles?	Yes 🗌	No ☐ Not Applicable ☑	
Chain of custody present?	Yes 🗹	No 🗆	
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆	
Chain of custody agrees with sample labels?	Yes 🗌	No 🗹	
Samples in proper container/bottle?	Yes 🗹	No 🗆	
Sample containers intact?	Yes 🗹	No 🗆	
Sufficient sample volume for indicated test?	Yes 🗹	No 🗌	
All samples received within holding time?	Yes 🗹	No 🗀	
Container/Temp Blank temperature in compliance?	Yes 🗹	No 🗆	
	als submitted	Yes 🗹 No 🗌	
Water - pH acceptable upon receipt?	Yes 🗸	No 🗌	
Adjusted? _	Che	ecked b	
Any No and/or NA (not applicable) response must be detailed	in the comments section	be	
Client contacted VES Date contact	ed: 8/C/C	Person contacted	Cim Hicks
Contacted by: KN KREAL Regarding			
Comments: WE NEVER A	Elieuso E	emple HIML	U- 2I, III,
270, UD.			
Corrective Action			

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H2M LABS, INC.

Key-48 0027

Sample Receipt Checklist

Client Name KEY-URS			Date and T	ime Receive	8/3/2007 3:49:00 PM
Work Order Numbe 0708978			Received b	y CAM	1 1
Checklist completed by Signature	8 Date	[07	Reviewed t	oy	8 W OF
Matrix:	Carrier name	Pickup			
Shipping container/cooler in good condition?		Yes 🗹	No 🗌	Not Applicable	
Custody seals intact on shippping container/cooler	?	Yes 🗌	No 🗀	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not Applicable 🗹	
Chain of custody present?		Yes 🗹	No 🗀		
Chain of custody signed when relinquished and re	ceived?	Yes 🗹	No 🗀		
Chain of custody agrees with sample labels?		Yes 🗹	No 🗌		
Samples in proper container/bottle?		Yes 🗹	No 🗌		
Sample containers intact?		Yes 🔽	No 🗌		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌		
All samples received within holding time?		Yes 🗹	No 🗌		
Container/Temp Blank temperature in compliance	?	Yes 🗹	No 🗌		
Water - VOA vials have zero headspace?	No VOA vials sub	mitted 🗹	Yes	□ No □	
Water - pH acceptable upon receipt?		Yes 🗸	No 🗆		
F	djusted?		Checked b		
Any No and/or NA (not applicable) response mus	be detailed in the	comments se	ction be	======	
Client contacted 4	Date contacted:		P	erson contacted	
Contacted by:	Regarding				
Comments:					
Corrective Action					

SDG NARRATIVE FOR VOLATILE ORGANICS SAMPLES RECEIVED: 7/30/07, 7/31/07, 8/1/07 & 8/3/07 SDG #: KEY-URS002

For Samples:

HIMW-12I	HIMW-201S
HIMW-5I	HIMW-8I
TB073007	HIMW-8S
HIMW-12D	HIMW-9D
HIMW-20OS	HIMW-9I
HIMW-4S	HIMW-9S
HIMW-5D	TB 080107
HIMW-5S	HIMW-10D
HIMW-8D	HIMW-18I
TB 073107	TB080307

The above samples were analyzed for a specific list of volatile organic analytes according to the requirements of the New York State DEC ASP 2000 method 8260B with category A deliverable. Category B deliverables were requested on 10/18/07 and are included in this data package.

All QC data and calibrations met the requirements of the method, and no problems were encountered with sample analysis. The following should be noted:

- Sample HIMW-10D was analyzed as the matrix spike/matrix spike duplicate. All percent recoveries and RPD's were met.
- Lab fortified blanks were analyzed. All percent recoveries were within Q.C. limits.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 15, 2007 Revised Date: November 2, 2007

> Joann M. Slavin Senior Vice President

KEY-URS002/002F S72

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

ab Name:	H2M LABS, INC.	Contract:
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Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Lab File ID: 7\P37222.D BFB Injection Date: 08/03/07

Instrument ID: HP5970-3 BFB Injection Time: 11:59

GC Column: R-502.2 ID: .53 (mm)

		% RELATIVE
m/e	ION ABUNDANCE CRITERIA	ABUNDANCE
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 60.0% of mass 95	50.2
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	58.5
175	5.0 - 9.0% of mass 174	4.4 (7.5)1
176	95.0 - 101.0% of mass 174	57.2 (97.8)1
177	5.0 - 9.0% of mass 176	4.0 (7.0)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

[EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	VSTD050	VSTD050	7\P37223.D	08/03/07	12:17
02	VBLK080307 🚜	VBLK080307	7\P37224.D	08/03/07	12:51
03	✓ G8-WMIH	0708808-006A	7\P37226.D	08/03/07	13:59
04	TB 073107 🗸	0708808-007A	7\P37227.D	08/03/07	14:33
05	TB 080107	0708870-007A	7\P37238.D	08/03/07	20:50
06	HIMW-201S ~	0708870-001A	7\P37239.D	08/03/07	21:24
07	HIMW-81 /	0708870-002A	7\P37240.D	08/03/07	21:58
08	HIMW-8S	0708870-003A	7\P37241.D	08/03/07	22:32
09	HIMW-9D	0708870-004A	7\P37242.D	08/03/07	23:06
10	HIMW-9I	0708870-005A	7\P37243.D	08/03/07	23:41

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Instrument ID: HP5970-3 Calibration Date: 08/03/07 Time: 12:17

Lab File ID: 7\P37223.D Init. Calib. Date(s): 08/02/07 08/02/07

EPA Sample No. (VSTD050##): <u>VSTD050</u> Init. Calib. Times: <u>17:43</u> <u>20:00</u>

Heated Purge: (Y/N) N

GC Column: R-502.2 ID: .53 (mm)

			MIN		MAX
COMPOUND	RRF	RRF50	RRF	%D	%D
Benzene	0.952	1.185	0.500	24.4	25.0
Toluene	1.297	1.509	0.400	16.3	25.0
Ethylbenzene _	0.431	0.545	0.100	26.5	25.0
Xylene (total)	0.529	0.629	0.300	19.0	25.0



CASE NARRATIVE FOR BASE/NEUTRAL EXTRACTABLES SAMPLES RECEIVED: 7/30/07, 7/31/07, 8/1/07 & 8/3/07 SDG #: KEY-URS002

For Samples:

HIMW-12I	HIMW-5S	HIMW-9I
HIMW-5I	HIMW-8D	HIMW-9S
HIMW-12D	HIMW-201S	HIMW-10D
HIMW-20OS	HIMW-8I	HIMW-18I
HIMW-4S	HIMW-8S	
HIMW-5D	HIMW-9D	

The above samples were analyzed for a select list of semi-volatile analytes by EPA method 8270C in accordance with the NYSDEC ASP, category A Rev. 6/2000. The client requested a category B package on 10/18/07, which is submitted.

All QC data and calibrations met the acceptance limits, and no problems were found with sample analyses. The following should be noted:

- The RSD in the initial calibration for benzo(b)fluoranthene exceeded 20.5% but met the acceptance limit of 40%.
- Samples HIMW-5I, HIMW-5D and HIMW-18I were reanalyzed at a dilution due to concentration levels of targeted analytes above the calibration range. Both sets of data are submitted.
- Sample HIMW-10D was analyzed as the matrix spike/matrix spike duplicate. All
 percent recoveries and RPD's were met. Lab fortified blanks were analyzed and
 indicate good method efficiency.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 15, 2007 Revised Date: November 1, 2007

> Joann M. Slavin Senior Vice President

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Lab File ID: A\C36751.D DFTPP Injection Date: 08/07/07

Instrument ID: HP5972 DFTPP Injection Time: 10:40

,	
	% RELATIVE
ION ABUNDANCE CRITERIA	ABUNDANCE
30.0 - 60.0% of mass 198	59.2
Less than 2.0% of mass 69	0.5 (0.7)1
Mass 69 relative abundance	83.9
Less than 2.0% of mass 69	0.4 (0.5)1
40.0 - 60.0% of mass 198	54.8
Less than 1.0% of mass 198	0.0
Base peak, 100% relative abundance	100.0
5.0 - 9.0% of mass 198	6.5
10.0 - 30.0% of mass 198	22.9
Greater than 1.0% of mass 198	3.0 -
Present, but less than mass 443	7.0
40.0 - 110.0% of mass 198	47.8
17.0 - 23.0% of mass 442	9.2 (19.3)2
	Less than 2.0% of mass 69 Mass 69 relative abundance Less than 2.0% of mass 69 40.0 - 60.0% of mass 198 Less than 1.0% of mass 198 Base peak, 100% relative abundance 5.0 - 9.0% of mass 198 10.0 - 30.0% of mass 198 Greater than 1.0% of mass 198 Present, but less than mass 443 40.0 - 110.0% of mass 198

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	SSTD025	SSTD025	A\C36752.D	08/ 07 /07	10:56
02	MB-21982	MB-21982	A\C36753.D	08/07/07	11:28
03	LFB-21982	LFB-21982	A\C36754.D	08 /07 /07	11:58
04	HIMW-12I /	0708763-001B	A\C36755.D	08/07/07	12:27
05	HIMW-5I	0708763-002B	A\C36756.D	08/ 07 /07	12:57
06	HIMW-12D	0708808-001B	A\C36757.D	08/07/07	13:27
07	HIMW-20OS -	0708808-002B	A\C36758.D	08/ 07 /07	13:57
08	HIMW-4S 🥕	0708808-003B	A\C36759.D	08/ 07 /07	14:27
09	HIMW-5D ,-	0708808-0048	A\C36760.D	08/07/07	14:57
10	HIMW-5S	0708808-005B	A\C36761.D	08/07/07	15:27
11	HIMW-8D 🗸	0708808-006B	A\C36762.D	08/07/07	15:56
12	HIMW-5IDL /	0708763-002BDL	A\C36763.D	08/ 07 /07	16:36
13	HIMW-5DDL 🛩	0708808-004BDL	A\C36764.D	08/ 07 /07	17:06
14	MB-22006	M8-22006	A\C36765.D	08/ 07 /07	18:51
15	LFB-22006	LFB-22006	A\C36766.D	08/ 07/ 07	19:21
16	HIMW-201S	0708870-001B	A\C36767.D	08/07/07	19:50
17	HIMW-8I	0708870-002B	A\C36768.D	08/ 07 /07	20:20
18	HIMW-8S	0708870-003B	A\C36769.D	08/07/07	20:50
19	HIMW-9D ∼	0708870-004B	A\C36770.D	08/07/07	21:20

page $\underline{1}$ of $\underline{1}$

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name:	H2M LABS, I	NC.	Contract:	Contract:											
Lab Code:	<u>10478</u> Cas	e No.: KEY-U	RS SAS No.:_	SDG No.	: KEY-URSO	02									
Lab File	ID: <u>A\C36751</u>	<u>.D</u>	DFTPP Inj	ection Date:	08/07/	/07									
Instrument	ID: <u>HP5972</u>	2	DFTPP Inje	ection Time:	10:	40									
20	HIMW-9I	0708870-005B	A\C36771.D	08/07/07	21:50	l									
21	HIMW-9S /	07088 7 0-006B	A\C36772.D	08/07/07	22;19										

7C SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS002

Instrument ID: $\underline{HP5972}$ Calibration Date: $\underline{8/7/07}$ Time: $\underline{10:56}$

Lab File ID: A\C36752.D

Init. Calib. Date(s): 06/20/07 06/20/07

EPA Sample No.(SSTD050##): SSTD025 Init. Calib. Times: 12:56 15:59

GC Column: R-5SILMS ID: $\underline{.25}$ (mm)

			MIN		XAM
COMPOUND	RRF	RRF50	RRF	%D	%D
Naphthalene	1.000	0.989	0 .700	-1.1	25.0
2-Methylnaphthalene	0.623	0.668	0.400	7.3	25.0
Acenaphthylene	1.882	1.988	1.300	5.6	25.0
Acenaphthene	1.165	1.183	0.800	1.6	25.0
Fluorene	1.326	1.449	0.900	9.3	25.0
Phenanthrene	1.279	1.339	0.700	4.8	25.0
Anthracene	1.368	1.562	0.700	14.2	25.0
Fluoranthene	1.158	1.312	0.600	13.3	25.0
Pyrene	1.517	1.408	0.600	-7.2	25.0
Benzo(a)anthracene	1.266	1.310	0.800	3.5	25.0
Chrysene	1.138	1.113	0.700	-2.2	25.0
Benzo(b)fluoranthene	1.464	1.422	0.700	-2.9	25.0
Benzo(k)fluoranthene	0.988	0.948	0.700	-4.0	25.0
Benzo(a)pyrene	1.081	1.182	0.700	9.3	25.0
Indeno(1,2,3-cd)pyrene	1.200	1.442	0.500	20.2	25.0
Dibenzo(a,h)anthracene	1.001	1.175	0.400	17.4	25.0
Benzo(g,h,i)perylene	1.017	1.190	0.500	17.0	25.0

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SDG NARRATIVE FOR ANALYSIS OF DISSOLVED GASES SAMPLES RECEIVED: 7/30/07 – 8/3/07 SDG #: KEY-URS002

For Samples:

HIMW-12I HIMW-4S TB073007 TB 073107

HIMW-12D HIMW-10D MS/MSD

HIMW-20OS HIMW-18I

The above water samples were analyzed for methane according to the requirements of method RSK-175. The method employs analysis of headspace with back-calculation of the water concentration by means of the Henry's law.

All QC data and the calibrations met the requirements of the protocol. The following should be noted:

- Sample HIMW-10D was analyzed as the matrix spike/matrix spike duplicate. Recoveries
 were within acceptance limits.
- The methane concentration in sample HIMW-12I exceeded the calibration range, and the sample was reanalyzed at a dilution. Both sets of data are reported.
- No values under the quantification limit are reported for methane.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: October 30, 2007

Ursula Middel Technical Manager

SDG NARRATIVE FOR METALS SAMPLES RECEIVED: 7/30/07, 7/31/07 & 8/3/07 SDG#: KEY-URS002

For Samples:

HIMW-12I HIMW-12D HIMW-20OS HIMW-4S HIMW-10D HIMW-18I

Six water samples were received by H2M Labs, Inc. on 7/30/07, 7/31/07 and 8/3/07 for total iron analysis.

Samples were prepared and analyzed using EPA method 6010B with a TJA 61E Trace ICP Instrument.

Sample HIMW-10D was utilized for QC analysis and reporting.

Spike analysis did not recover within acceptance ranges for iron. The sample was post spiked, reanalyzed and recovered at 128.8 %. Iron data was reported flagged "N" on Forms 1 and 5a.

Duplicate analysis did not reproduce within acceptance ranges for iron. Iron data was reported flagged "*" on Forms 1 and 6.

No other issues were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 22, 2007

Vincent Stancampiano Vice President NRC

U.S. EPA - CLP

5A SPIKE SAMPLE RECOVERY

EPA SAMPLE NO

HIMW-10DS

Lab Name: H2M LABS, INC.

Contract:

Lab Code: <u>10478</u>

Case No.

SAS No.:

SDG No.: KEY-URS002

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

	Control Limit	Spiked Sample	Sample	Spike	2	
Analyte	%R	Result (SSR) C	Result (SR) C	Added (SA)	8R Q M	<u> </u>
Iron	75-125	2408.4600	929.4400	1000.00	147.9 N F	Ρ

11/4/07

Comm	ents:	
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U.S. EPA - CLP

6 DUPLICATES

EPA SAMPLE NO

HIMW-10D

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URSO

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

% Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

	Control	,			
Analyte	Limit	Sample (S)	C	Duplicate (D) C	RPD
Iron		929.4400		1445.4900	(43.5 * P)

11/15/0794

SDG NARRATIVE FOR DISSOLVED METALS SAMPLES RECEIVED: 7/30/07, 7/31/07 & 8/3/07 SDG#: KEY-URS002F

For Samples:

HIMW-12I HIMW-12D HIMW-20OS HIMW-4S HIMW-10D HIMW-18I

Six water samples were received by H2M Labs, Inc. on 7/30/07, 7/31/07 and 8/3/07 for dissolved iron analysis.

Samples were prepared and analyzed using EPA method 6010B with a TJA 61E Trace ICP Instrument.

Sample HIMW-10D was utilized for QC analysis and reporting.

No problems were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 9, 2007

Vincent Stancampiano

Vice President

3 BLANKS

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	С	Co		ing Cal ank (uc	librati g/L) C	on 3	С	Prepa- ration Blank	С	М
Iron	4.5	В	10.	2 B		3.4 B	4.	6 B	1.87	2 U	P

U.S. EPA - CLP

3 BLANKS

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.

SAS No.:

SDG No.: KEY-URS002

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	С	C 1		ing Cal ank (uç 2	on 3	С	Prepa- ration Blank	C	М
Iron			17.	.6 B						P

U.S. EPA - CLP

14 ANALYSIS RUN LOG

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478 Case No.

SAS No.: SDG No.: KEY-URS002

Instrument ID Number: TJA61EA

Method: \underline{P}

Start Date: 08/08/2007

End Date: 08/09/2007

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FORM XIV - IN

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14 ANALYSIS RUN LOG

e: H2M LABS, INC.

Contract:

e: 10478 Case No.

SAS No.:

SDG No.: KEY-URS002

Nment ID Number: TJA61EA

Method: P

Mate: 08/08/2007

End Date: 08/09/2007

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SDG NARRATIVE FOR WET CHEMISTRY SAMPLES RECEIVED: 7/30/07, 7/31/07 & 8/3/07 SDG: KEY-URS002

For Samples:

HIMW-12I HIMW-12D HIMW-20OS HIMW-4S HIMW-10D HIMW-18I

Six water samples were received by H2M Labs, Inc. on 7/30/07, 7/31/07 & 8/3/07 for select wet chemistry analysis.

Samples were prepared and analyzed using the following methods:

Alkalinity EPA 310.1
Free Carbon Dioxide STDM 4500 CO2D
Nitrate/Nitrite EPA 353.2
Heterotrophic plate count
Sulfate EPA 375.4

Sample HIMW-10D was utilized for QC analysis and reporting.

Samples were diluted as required to keep instrument readings within calibration ranges.

No problems were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 15, 2007

Vincent Stancampiano

Vice President

QC SUMMARY REPORT

SDG: KEY-URS002

	Client Sample ID:	Analyte	Result	Units	Spike S Amount	Sample Result %REC	%REC	Recovery Limits	y RPDRef Vafue	f %RPD	%RPD UCL
	MB1-080307	Nitrite as N	< 0.1	mg/L							
	LCS1-080307	Nitrite as N	1.02	mg/L	-	< 0.1	102	80 120	50		
	HIMW-10DMS	Nitrite as N	0.51	mg/L	0.5	< 0.1	102	75 125	55		
	HIMW-10DDUP	Nitrite as N	< 0.1	mg/L					< 0.1	_	20
	MB-080107	Nitrite as N	< 0.1	mg/L							
	LCS-080107	Nitrite as N	1.02	mg/L	-	< 0.1	102	80	120		
2	MB-073107	Nitrite as N	< 0.1	mg/L						_	
-	LCS-073107	Nitrite as N	1.02	mg/l.	-	< 0.1	102	80 120	50		
	MB-080307	Standard Plate Count	^	CFU/mL	-						
-	MB-073107	Standard Plate Count	< 1	CFU/mL							
2	MB-073007	Standard Plate Count	۲×	CFU/mL							
Ŧ	HIMW-10DDUP	Standard Plate Count	85	CFU/mL			:		120	(33.0)	/ 20
~	MB080707	Sulfate	< 5	∏g/L							
_	CS-080707	Sulfate	19.1	mg/L	20	< 5	96	80 120	50		
	HIMW-10DMS	Sulfate	71.2	T/6w	90	22.0	88	75 1;	125		
Ī	HIMW-10DDUP	Sulfate	21.8	mg/L					22.0	1.1	8
									:		
	MB-080107	Sulfate	< 5	mg/L							
	LCS-080107	Sulfate	19.9	mg/L	20	< 5	5	80 120	S		
1											

Jen 19/2

F A LABS, INC.

EXTERNAL CHAIN OF CUSTODY

25574

575 Broad Hollow Rd, Melville, NY 11747-5076

Tel: (631) 694-3040 Fax: (631) 420-8436

9 78 0 8 CH O 15000 E 10-10-00-01-05 3. COC record present & complete upon sample receipt. Project Contact: 873-265-van ON BAK - CONTROL - CONTROL Samples were:

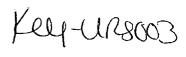
1. Shipped or Hand Delivered Airbills REMARKS: HZM SDG NO: You 2. Unbroken on outer package: Y or N Phone Number: 2. Ambient or chilled, Temp. 3. Received in good condition: Y or N 1. Present on outer package: Yor N 158 PIS/Quote # 4. Property preserved: Yor N 9 LABORATORY USE ONLY COC Tabe was: G45.48 もの でぼらって のでのでは、 かしんから Soor っているのかっ SUPPORT OF SUPPORTS 36696 からかのいろの LAB I.D. NO. ۲ ۲ ۲ \$ 12/2 Discrepancies Between COC Record? Yor N NOTES: Sample Labels and 19252 Explain: NORG. OF: 81 ANALYSIS REQUESTED. Time TIME Time 789.0 2/501 Date Date क्षीं जी Date Date \mathcal{Q} \mathcal{A} Ò CLIENT: JAS ORGANICY ढ़ेंब Ø ट्र \mathcal{N} Description Ġ 4 Sample Container Total No. of Received by: (Signature) ed by: (Signature 4: Lay span - Hampsten Int Time FIELD LD (BOS0303) 580805 107 82K3 Date HIMM-・メノドナ KTTIN とと TURNAROUND TIME: れたとうなんの SAMPLERS: (signature)/Client D40 PROJECT NAME/NUMBER TIME MATRIX なな 40 elinquished by: (Signature) Relinguished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature DELIVERABLES ベナダ (C) Ć त् DATE

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

WHITE COPY - ORIGINAL KEY-URS003/003F S12

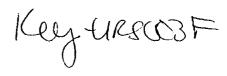




Sample Receipt Checklist

Client Name KEY-URS			Date and Ti	me Receive	8/2/2007 4:40:00 PM
Work Order Numbe 0708926			Received by	y CAM	
Checklist completed by Signature	No Solo	407-	Reviewed b	y SA	8\3\07
Matrix:	Carrier name	Pickup			
Shipping container/cooler in good condition?		Yes 🗹	No □	Not Applicable	
Custody seals intact on shippping container/cod	oler?	Yes 🗌	No 🗀	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not Applicable	
Chain of custody present?		Yes 🗹	No 🗀		
Chain of custody signed when relinquished and	received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels?		Yes 🗹	No 🗌		
Samples in proper container/bottle?		Yes 🗹	No 🗌		
Sample containers intact?		Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗀		
I samples received within holding time?		Yes 🔽	No 🗌		
Container/Temp Blank temperature in complian	ce?	Yes 🗹	No 🗌		
Water - VOA vials have zero headspace?	No VOA vials subm	nitted	Yes 🗹	No 🗌	
Water - pH acceptable upon receipt?		Yes 🔽	No 🗀		
	Adjusted?	Che	ecked b		
Any No and/or NA (not applicable) response mu	ust be detailed in the co	omments section	be		
Client contacted	Date contacted:		Pers	son contacted	
Contacted by:	Regarding				
Comments:					
Corrective Action					
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Sample Receipt Checklist

Client Name KEY-URS			Date and T	ime Receive	8/2/2007 4:40:00 PM
Work Order Numbe 0708929			Received b	y CAM	
Checklist completed by Signature	l 8 d	402	Reviewed t	oy	8/3/07 Date
Matrix:	Carrier name	Pickup			
Shipping container/cooler in good condition?		Yes 🗹	No 🗔	Not Applicable	
Custody seats intact on shippping container/con	oler?	Yes 🗌	No 🗌	Not Applicable	
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not Applicable	
Chain of custody present?		Yes 🗹	No 🗀		
Chain of custody signed when relinquished and	received?	Yes 🗹	No 🗌		
Chain of custody agrees with sample labels?		Yes 🗹	No 🗀		
Samples in proper container/bottle?		Yes 🔽	No 🗀		
Sample containers intact?		Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌		
Il samples received within holding time?		Yes 🗹	No 🗌		
Container/Temp Blank temperature in complian	ce?	Yes 🔽	No 🗀		
Water - VOA vials have zero headspace?	No VOA vials subm	itted 🗹	Yes [] No []	
Water - pH acceptable upon receipt?		Yes 🗹	No 🗌		
	Adjusted?		Checked b		
Any No and/or NA (not applicable) response mu	ust be detailed in the co	omments sect	tion be		
Client contacted	Date contacted:		Per	son contacted	
Contacted by:	Regarding				
Comments:					
Corrective Action					

575 Broad Hollow Rd, Melville, NY 11747-5076

27.05

EXTERNAL CHAIN OF CUSTODY

rel: (631) 694-3040 Fax: (631) 420-8436	CLIENT: URS	Corporation		HZM SDG NO: 1(00	0: 1(DEJ-4020
PROJECT NAME/NUMBER			NOTES:	<u>r</u> (Project Contact
Laypan-Krystand Intraction	ie Container	1490 1490 1400 15050	### ### ### ### ######################		M. Le Axerbaro Phone Number
SAMPLERS: (signature)/Client Kmg-JOKB / RS Corp	. 1	14 SE1 16 71 71,232 4.170	17 00 17 00	744	973-735-0700
SELIVERABLES: $\mathcal{MSSCAT.A}$	-	REQUESTED.			
DATE TIME MATRIX FIELD I.D.		14 200 01 180N 104 19N 104 19N	More.	AB I.D. NO.	REMARKS:
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1	12221	7 1 7	1 1	1001	4
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TB080307	4 3 1	<u>い</u>		-(30)-	
15th HIMW-18I	- 100 00 00/	9.11	8	-055	7
elincujated by: (Signature) Date Time Received by: (Si	(Signature)	Date		V WO BOY VOOL A GOOD A	
-10 19 2 10 16°	the Contraction of	3/6/3:10	Discrepandes Between	Samples were.	
Date Date	de maria	Date Time	Sample Labels and COC Record? Yor N	1. Shipped or Hand Delivered 2. Amblent or chilled, Tamp 3. Received in good condition: You	Delivered Airbith
1	Naturo)	Date	Explain:	4. Properly preserved: Y or N COC Tape was:	z b
belinquished by: (Signature) Date Time Received by: (Signature)	(Signature)	Date Time		Present on outer package: Yor N Unbroken on outer package: Yor N OCC report present & consists approx	1. Present on outer package: Yor N 2. Unbroken on outer package: Yor N 3. COC never of execut & complete moster.
				Y & N	a deligible specific and specific a

WHITE COPY - ORIGINAL KEY-URS003/003F S29

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

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Keyursos

Sample Receipt Checklist

Client Name KEY-URS		Date and Time Receive	8/6/2007 4:37:00 PM
Work Order Numbe 0708980		Received by CAM	
Checklist completed by Signature	60	Reviewed by Initials	817 07 Date
Matrix:	Carrier name <u>Pickup</u>		
Shipping container/cooler in good condition?	Yes 🗹	No Not Applicable	
Custody seals intact on shippping container/cooler	? Yes 🗌	No ☐ Not Applicable ☑	
Custody seals intact on sample bottles?	Yes 🗀	No ☐ Not Applicable 🗹	
Chain of custody present?	Yes 🔽	No 🗌	
Chain of custody signed when relinquished and red	ceived? Yes 🗹	No 🗀	
Chain of custody agrees with sample labels?	Yes 🗌	No 🗹	
Samples in proper container/bottle?	Yes 🗹	No 🗌	
Sample containers intact?	Yes 🔽	No 🗌	
Sufficient sample volume for indicated test?	Yes 🗹	No 🗔	
\lambda samples received within holding time?	Yes 🗹	No 🗌	
Container/Temp Blank temperature in compliance?	Yes 🗸	No 🗀	
Water - VOA vials have zero headspace?	No VOA vials submitted	Yes 🗹 No 🗌	
Water - pH acceptable upon receipt?	Yes 🗹	No 🗔	
Ac	djusted? CI	necked b	
Any No and/or NA (not applicable) response must	be detailed in the comments section	n be	
Client contacted Di	ate contacted:	Person contacted	
Contacted by:	egarding		
Comments:			
Corrective Action			
The state of the s			

HE'M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076

258²³ EXTERNAL CHAIN OF CUSTODY

4 2 3 3 3, COC record present & complete upon sample receipt: * HOLO CHANICLE MILL AKE COCT HZM SDG NO: KOLY JAR 378-765.37-PIS/Quote# Samples were: 1. Shipped ___ or Hand Delivered ___ Airbills ているのかの REMARKS: LODGY / 2. Unbroken on outer package: Y or N 2. Ambient or chilled, Temp 3. Received in good condition: Y or N 1, Present on outer package: Yor N Project Contact: 4. Property preserved: Y or N LABORATORY USE ONLY 7 Pharty or sylvant COC Tape was: aiton Cathor 8-408-G-Z S LAB I.D. NO. Discrepancies Between COC Record? Yor N Sample Labels and NOTES 19401 19401 19401 Explain: EUNH IW 15.37 15.58 136 Time Screetion ANALYSIS REQUESTED Pos. 6.6.07 80 S Oate ate \mathcal{O} ൪ 級 ORGANICA CLIENT: CAS 200 Ŋ Ŋ, $\dot{\mathcal{O}}$ $\hat{\varphi}$, (C B Containers 9 Describilion V) α Received by: (Signature) Received by: (Signature) Total No. of Sample Container heuspans-Hemportenal Instanction 8-6-07 16.37 **8**E Time <u>3</u> HTHW-DOSS SAMPLERS: (signature)/Client

Limber Hick / URSCo C FIELD LD TBASCOB D 7-00 H 201-MHIH Tel: (631) 694-3040 Fax: (631) 420-8436 Date PROJECT NAME/NUMBER 20 John 20 DATE TIME MATRIX 400 A C \$ P alinquished by:/(Signature) Relinquished by: (Signature) Relinquished by: (Signature) TURNAROUND TIME: elinquished by: (Signature) Stereoth Charles DELIVERABLES: 1000 G 35 8 뉡

KWYITERSOBS/083FGN9AL

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

Sample Receipt Checklist

Key-URS003

Client Name KEY-URS Date and Time Receive 8/6/2007 4:37:00 PM Work Order Numbe 0709039 Received by Reviewed by Initials Checklist completed by Matrix: Carrier name <u>Pickup</u> No 🗌 Yes 🗹 Not Applicable Shipping container/cooler in good condition? Yes 🗍 No 🔲 Not Applicable 🗹 Custody seals intact on shippping container/cooler? Yes 🗌 No 🗌 Not Applicable 🗹 Custody seals intact on sample bottles? No 🗍 Chain of custody present? No 🗌 Yes 🗸 Chain of custody signed when relinquished and received? Yes 🗌 No 🗸 Chain of custody agrees with sample labels? Yes 🗹 No 🗌 Samples in proper container/bottle? Yes 🗹 No 🔲 Sample containers intact? No 🗌 Yes 🗹 Sufficient sample volume for indicated test? No 🛄 Yes 🗸 all samples received within holding time? No 🗀 Yes 🔽 Container/Temp Blank temperature in compliance? Yes 🗸 No 🗌 No VOA vials submitted Water - VOA vials have zero headspace? No 🗌 Yes 🗹 Water - pH acceptable upon receipt? Checked b Adjusted? Any No and/or NA (not applicable) response must be detailed in the comments section be Date contacted: Person contacted Client contacted Regarding Contacted by: Comments: Corrective Action

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Key ursost

Sample Receipt Checklist

Client Name KEY-URS			Date and	Time Receive	8/6/2007
Work Order Numbe 0709041			Receive	d by CAM	
Checklist completed by Signature	Date	F0 a	Reviewe	d by Initials	8/7/07
Matrix:	Carrier name	Pickup			
Shipping container/cooler in good condition?		Yes 🗹	No 🗀	Not Applicable	
Custody seals intact on shippping container/coole	er?	Yes 🗌	No 🗌	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not Applicable 🗹	
Chain of custody present?		Yes 🗹	No 🗌		
Chain of custody signed when relinquished and r	eceived?	Yes 🔽	No 🗌		
Chain of custody agrees with sample labels?		Yes 🗹	No 🗌		
Samples in proper container/bottle?		Yes 🗹	No 🗌		
Sample containers intact?		Yes 🔽	No 🗀		
Sufficient sample volume for indicated test?		Yes 🗸	No 🗌		
All samples received within holding time?		Yes 🗹	No 🗌		
Container/Temp Blank temperature in compliance	e?	Yes 🗹	No 🗀		
Water - VOA vials have zero headspace?	No VOA vials subm	nitted 🗹	Yes	∏ No ∏	
Water - pH acceptable upon receipt?		Yes 🗹	No 🗌		
	Adjusted?		Checked b		
Any No and/or NA (not applicable) response mus	t be detailed in the c	omments se	ction be		
Client contacted	Date contacted:			Person contacted	
Contacted by:	Regarding	· · ·		<u> </u>	
Comments:			~ 		
Corrective Action					

SDG NARRATIVE FOR VOLATILE ORGANICS SAMPLES RECEIVED: 8/2/07 & 8/6/07 SDG #: KEY-URS003

For Samples:

HIMW-10I	HIMW-11I
HIMW-4I	HIMW-2D
HIMW-6D	HIMW-2I
HIMW-6I	HIMW-10S
HIMW-7D	HIMW-202S
HIMW-7I	HIMW-2S
FB 080207	HIMW-4D
TB 080207	TB080607
HIMW-11D	

The above samples were analyzed for a specific list of volatile organic analytes according to the requirements of the New York State DEC ASP 2000 method 8260B with category A deliverable. Category B deliverables were requested on 10/18/07 and are included in this data package.

All QC data and calibrations met the requirements of the method, and no problems were encountered with sample analysis. The following should be noted:

- No matrix spike/ matrix spike duplicate was submitted.
- Lab fortified blanks were analyzed. All percent recoveries were within Q.C. limits.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 15, 2007 Revised Date: November 2, 2007

> Joann M. Slavin Senior Vice President

CASE NARRATIVE FOR BASE/NEUTRAL EXTRACTABLES SAMPLES RECEIVED: 8/2/07 & 8/6/07 SDG #: KEY-URS003

For Samples:

HIMW-10I	HIMW-11I
HIMW-4I	HIMW-2D
HIMW-6D	HIMW-2I
HIMW-6I	HIMW-10S
HIMW-7D	HIMW-202S
HIMW-7I	HIMW-2S
FB 080207	HIMW-4D
HIMW-11D	

The above samples were analyzed for a select list of semi-volatile analytes by EPA method 8270C in accordance with the NYSDEC ASP, category A Rev. 6/2000. The client requested a category B package on 10/18/07, which is submitted.

All QC data and calibrations met the acceptance limits, and no problems were found with sample analyses. The following should be noted:

- No matrix spike/matrix spike duplicate was submitted with this SDG. A lab fortified blank was analyzed indicating good method efficiency.
- Sample HIMW-6I was reanalyzed at a dilution due to concentration levels of targeted analytes above the calibration range. Both sets of data are submitted.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 15, 2007 Revised Date: November 2, 2007

> Joann M. Slavin Senior Vice President

SDG NARRATIVE FOR ANALYSIS OF DISSOLVED GASES SAMPLES RECEIVED: 8/2/07 & 8/6/07 SDG #: KEY-URS003

For Samples:

HIMW-10I HIMW-10S HIMW-4I HIMW-4D FB 080207 TB 080207

The above water samples were analyzed for methane according to the requirements of method RSK-175. The method employs analysis of headspace with back-calculation of the water concentration by means of the Henry's law.

All QC data and the calibrations met the requirements of the protocol, and no problems were encountered with sample analyses.

- No MS/MSD sample spikes were requested, but a lab fortified blank (LFB) was analyzed, and the recoveries indicate good method efficiency.
- No values under the quantification limit are reported for methane.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: October 30, 2007

*/ W d d l e

Ursula Middel Technical Manager

SDG NARRATIVE FOR METALS SAMPLES RECEIVED: 8/2/07 & 8/6/07 SDG#: KEY-URS003

For Samples:

HIMW-10I HIMW-4I FB 080207 HIMW-10S HIMW-4D

Five water samples were received by H2M Labs, Inc. on 8/2/07 and 8/6/07 for total iron analysis.

Samples were prepared and analyzed using EPA method 6010B with a TJA 61E Trace ICP Instrument.

Sample HIMW-10S was utilized for QC analysis and reporting.

No problems were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 22, 2007

Vincent Stancampiano Vice President

SDG NARRATIVE FOR DISSOLVED METALS SAMPLES RECEIVED: 8/2/07 & 8/6/07 SDG#: KEY-URS003F

For Samples:

HIMW-10I HIMW-4I FB 080207 HIMW-10S HIMW-4D

Five water samples were received by H2M Labs, Inc. on 8/2/07 and 8/6/07 for dissolved iron analysis.

Samples were prepared and analyzed using EPA method 6010B with a TJA 61E Trace ICP Instrument.

Sample HIMW-10S was utilized for QC analysis and reporting.

No problems were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 16, 2007

Vincent Stancampiano

Vice President

SDG NARRATIVE FOR WET CHEMISTRY SAMPLES RECEIVED: 8/2/07 & 8/6/07 SDG: KEY-URS003

For Samples:

HIMW-10I HIMW-4I FB 080207 HIMW-10S HIMW-4D

Five water samples were received by H2M Labs, Inc. on 8/2/07 and 8/6/07 for select wet chemistry analysis.

Samples were prepared and analyzed using the following methods:

Alkalinity EPA 310.1
Free Carbon Dioxide STDM 4500 CO2D
Nitrate/Nitrite EPA 353.2
Heterotrophic plate count
Sulfate EPA 375.4

Samples utilized for QC analysis were listed on the QC summary report.

Standard plate count duplicate analysis exceeded 20% RPD recovering at 33% RPD.

Samples were diluted as required to keep instrument readings within calibration ranges.

No other issues were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 15, 2007

Vincent Stancampiano

Vice President

Date: 13-Aug-07

QC SUMMARY REPORT

SDG: KEY-URS003

Sample ID: Client Sample ID: Analyte Reault Units Analyte Spike Sample Sample Western PREAM Recovery RPDRef Amount Inches Recovery RPDRef Volume Volume Volume Recovery RPDRef Volume Volume Amount Inches Recovery RPDRef Volume Amount Inches Recovery RPDRef Amount Inches Amount Inches Inches 2606007 Inches 2606007 Alkalinity, Total (As CaCO3) 22.5 mpt. 25.2 mpt. 25.2 41.0 99.0 120.0 120.0 Inches 260607 Inches 260607 Inches 26007 Nitrate as N 40.1 mpt. 1.12 mpt. 0.1 20.1 20.1 20.1 Inches 2606077 Inches 2606077 Nitrate as N		_											
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Client Sample ID:													
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Client Sample ID:	<u>i</u>	1		2 2	4-	╁	ŝ	2 7	mg/L	1.12	Nitrate as N	LCS-080907	LCS-080907
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Client Sample ID:	נ												
Client Sample ID:	Ľ		34.0		-				mg/L	34.5	Alkalinity, Total (As CaCO3)	0708422-005aDUP	0708422-005aDUP
ID: Client Sample ID: Analyte Result Units Amount Result was Amoun		\bot		125	75	8	34.0	25	mg/L	58.6	Alkalinity, Total (As CaCO3)	0708422-005aMS	0708422-005aMS
ID: Client Sample ID: Analyte Result Units Amount Result %REC Limits Value %RPD mb-081007 Alkalinity, Total (As CaCO3) <1 mg/L	1			120	8	88	<u>^</u>	25	mg/L	22.2	Alkalinity, Total (As CaCO3)	lcs-081007	cs-081007
Spike Sample ID: Analyte Result Units Amount Result %REC Limits Value %RPD		-			-	T			mg/L	<u>^</u>	Alkalinity, Total (As CaCO3)	mb-081007	nb-081007
Spike Sample Recovery RPDRef Result Units Amount Result %REC Limits Value %RPD	J								Н		Allalyte	Chent Sample 10:	Sample ID:
	7 2						Sample Result	Spike Amount		Result	Analyte	Client Sample Th.	

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ATTACHMENT A DATA USABILITY SUMMARY REPORT FOURTH QUARTER 2007

ATTACHMENT A DATA USABILITY SUMMARY REPORT FOURTH QUARTER 2007

HEMPSTEAD INTERSECTION STREET FORMER MGP SITE VILLAGES OF GARDEN CITY AND HEMPSTEAD LONG ISLAND, NEW YORK

Analyses Performed by: H2M LABORATORIES, INC.

Prepared For:
KEYSPAN CORPORATION
175 EAST OLD COUNTRY RD.
HICKSVILLE, NY 11801

Prepared by:
URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

JANUARY 2008

TABLE OF CONTENTS

		<u>P</u>	age No.
I.	INTRO	DUCTION	A -1
II.	ANALY	YTICAL METHODOLOGIES AND DATA VALIDATION	A-1
III.	DATA I	DELIVERABLE COMPLETENESS	A-2
IV.	HOLDI	NG TIMES/SAMPLE RECEIPT	A-2
V.	NON-C	CONFORMANCES	A-3
VI.	SAMPI	LE RESULTS AND REPORTING	A-3
VII.	SUMM	ARY	A-4
		TABLES	
		(Following Text)	
Table .	A- 1	Validated Groundwater Sample Analytical Results	
Table .	A-2	Validated Field QC Sample Analytical Results	
		APPENDICES (Following Tables)	
Appen	idix A	Validated Form 1's	
Appen	ndix B	Support Documentation	

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Draft DER-10*, *Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for the Development of Data Usability Summary Reports*, December 2002. Analytical data for the eighteen (18) groundwater samples, one matrix spike/matrix spike duplicate (MS/MSD) pair, one field/rinsate blank, and six trip blanks collected by URS personnel on October 15–23, 2007 are discussed in this DUSR. The samples were collected as part of the fourth quarter 2007 groundwater monitoring event at the Hempstead Intersection Street Former MGP Site.

II. ANALYTICAL METHODOLOGIES AND DATA VALIDATION

The samples were analyzed by H2M Laboratories, Inc. (Melville, NY) for the following parameters:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) USEPA Method SW8260B; and
- Polycyclic aromatic hydrocarbons (PAHs) USEPA Method SW8270C.

A limited data validation was performed on the samples in accordance with the guidelines presented in the following USEPA Region II documents:

- Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B, SOP HW-24, Rev. 2, October 2006; and
- Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D, SOP HW-22, Rev. 3, October 2006.

The limited data validation included a review of holding times; completeness of all required deliverables; quality control (QC) results (blanks, instrument tunes, calibration standards, matrix spike recoveries, duplicate analyses, and laboratory control sample recoveries) to determine if the data are within the protocol-required QC limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data include 'U' (not detected), 'J' (estimated concentration), and 'UJ' (estimated quantitation limit). The validated analytical results are presented in Tables A-1 and A-2. Copies of the validated laboratory results (i.e., Form 1's) are presented in Appendix A. Documentation supporting the qualification of data is presented in Appendix B. Only problems affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

Full deliverable data packages (i.e., NYSDEC ASP Category B or equivalent) were provided by the laboratory, and included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

IV. HOLDING TIMES/SAMPLE RECEIPT

All samples were received by the laboratory intact, under proper chain-of-custody (COC), and were analyzed within the required holding times, except for the following instances.

• The laboratory received six trip blanks during this sampling event, some of which were received in duplicate (i.e., October 17 and 23, 2007), but none of these field QC samples were referenced on their respective COCs by the field technician. The laboratory contacted the field technician to resolve this COC non-conformance, and the lab was instructed to analyze the trip blanks accordingly. The laboratory added trip blank

designations to each COC, except for October 23, 2007, but the additions were not dated/initialed by laboratory.

 Samples collected on Friday, October 19, 2007 were held onsite in a secure location and at appropriate temperature until Monday, October 22, 2007 before sending them to the laboratory for analysis. Samples should not be withheld onsite over a weekend.

V. NON-CONFORMANCES

• Instrument Calibration

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in the continuing calibration (CCAL) standard associated with all groundwater and field/rinse blank samples was greater than 20% for one or more of the following PAHs: benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene. The non-detect results for the affected PAHs in these samples were qualified 'UJ'.

Documentation supporting the qualification of data (i.e., Forms 5 and 7) is presented in Appendix B.

VI. SAMPLE RESULTS AND REPORTING

All sample results were reported in accordance with method requirements and were adjusted for sample size and dilution factors. Sample HIMW-5I required a secondary dilution to allow quantification of all project target analytes (i.e., PAHs) within the calibration range of the instrument. Results reported from secondary dilution analyses were qualified 'D' by the laboratory. BTEX and PAH results below the quantitation limits were qualified 'J' by the laboratory.

VII. SUMMARY

All sample analyses were found to be compliant with the method and validation criteria, except where previously noted. Those results qualified 'J' (estimated) or 'UJ' (estimated quantitation limit) are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the re-collection of any samples at this time.

Prepared By: Peter R. Fairbanks, Senior Chemist Date:

Reviewed By: Mary E. Bitka, Principal Chemist Date:

TABLE B-1

VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS KEYSPAN CORPORATION - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE OCTOBER 2007

Location ID			HIMW-003I	HIMW-003I	HIMW-003S	HIMW-005D	HIMW-0051
Sample ID		··-	HIMW-300I	HIMW-3I	HIMW-3S	HIMW-5D	HIMW-SI
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (f	t)		-	-	-	-	-
Date Sampled			10/16/07	10/16/07	10/15/07	10/18/07	10/16/07
Parameter	Units	*	Field Duplicate (1-1)	-			
Volatile Organic Compounds							
Benzene	UG/L	1	10 U	10 U	10 U	10 U	91
Ethylbenzene	UG/L	5	10 U	10 U	10 U	10 U	4 J
Toluene	UG/L	5	10 U	10 U	10 U	2 J	31
Xylene (total)	UG/L	5	10 U	10 U	10 U		280
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	-	10 U	10 U	10 U	10 U	900 DJ
Acenaphthene	UG/L	20	10 U	10 U	10 U	10 U	14
Acenaphthylene	UG/L	50	10 U	10 U	10 U	10 U	300 DJ
Anthracene	UG/L	50	10 U	10 U	10 U	10 U	3 J
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	ND	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(b)fluoranthene	UG/L	0.002	10 U	, 10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	50	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Fluoranthene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	50	10 U	10 U	10 U	10 U	35
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Naphthalene	UG/L	10	10 U	10 U	10 U	10 U	3,600 D
Phenanthrene	UG/L	50	10 U	10 U	10 U	10 U	20
Pyrene	UG/L	50	10 U	10 U	10 U	10 U	10 U

^{*-} NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.
 NA - The sample was not analyzed for this parameter.

 $[\]ensuremath{\text{UJ}}$ - Not detected. The reported quantitation limit is an estimated value.

TABLE B-1 VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS KEYSPAN CORPORATION - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE OCTOBER 2007

Location ID			HIMW-005S	HIMW-008D	HIMW-0081	HIMW-008S	HIMW-012D
Sample ID			HIMW-5S	HIMW-8D	HIMW-8i	HIMW-8S	HIMW-12D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (f	t)		-	-	-	-	-
Date Sampled			10/16/07	10/19/07	10/23/07	10/16/07	10/18/07
Parameter	Units	*					
Volatile Organic Compounds							
Benzene	UG/L	1	10 U	10 U	10 U	10 U	1 J
Ethylbenzene	UG/L	5	10 U	10 U	10 U	10 U	10 U
Toluene	UG/L	5	10 U	10 U	10 U	10 U	1 J
Xylene (total)	UG/L	5	10 U	10 U	10 U	10 U	10 U
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L		10 U	10 U	10 U	4 J	10 U
Acenaphthene	UG/L	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	UG/L	50	10 U	10 U	10 U	2 J	10 U
Anthracene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	ND	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(b)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	10 UJ	10 U	10 U	10 UJ	10 UJ
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	50	10 UJ	10 U	10 U	10 UJ	10 UJ
Fluoranthene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 UJ	10 U	10 U	10 UJ	10 U
Naphthalene	UG/L	10	10 U	10 U	10 U	\bigcirc	10 U
Phenanthrene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Pyrene	UG/L	50	10 U	10 U	10 U	10 U	10 U

^{*-} NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

 $[\]boldsymbol{U}$ - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. NA - The sample was not analyzed for this parameter.

UJ - Not detected. The reported quantitation limit is an estimated value.

TABLE B-1 VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS KEYSPAN CORPORATION - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE OCTOBER 2007

Location ID			HIMW-012I	HIMW-012S	HIMW-013D	HIMW-013I	HIMW-013S
Sample ID	-		HIMW-12I	HIMW-12S	HIMW-13D	HIMW-13I	HIMW-13S
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (f	t)		-	-	-	•	
Date Sampled	_		10/17/07	10/17/07	10/22/07	10/18/07	10/17/07
Parameter	Units	*					
Volatile Organic Compounds						*	
Benzene	UG/L	1	7 J	10 U	6 J	10 U	10 U
Ethylbenzene	UG/L	5	31	10 U	10 U	10 U	10 U
Toluene	UG/L	5	3 J	10 U	10 U	10 U	10 U
Xylene (total)	UG/L	5	240	10 U	8.5	10 U	10 U
Semivolatile Organic Compounds		Ì					
2-Methylnaphthalene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Acenaphthene	UG/L	20	41	10 U	8 J	8 J	10 U
Acenaphthylene	UG/L	50	50	10 U	13		10 U
Anthracene	UG/L	50	10 U	10 U	10 U	1 J	10 Ú
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	ND	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(b)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	10 UJ	10 UJ	10 U	10 UJ	10 UJ
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Chrysene	UG/L	0.002	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	50	10 UJ	10 UJ	10 U	10 UJ	10 UJ
Fluoranthene	UG/L	50	10 U	10 U	10 U	10 U	10 U
Fluorene	UG/L	50	31	10 U	10 U	15	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 UJ	10 UJ	10 U	10 UJ	10 UJ
Naphthalene	UG/L	10	10	10 U	10 U	1 J	10 U
Phenanthrene	UG/L	50	6 J	10 U	10 U	16	10 U
Pyrene	UG/L	50	10 U	10 U	10 U	10 U	10 U

⁻⁻ NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. NA - The sample was not analyzed for this parameter.

UJ - Not detected. The reported quantitation limit is an estimated value.

TABLE B-1 VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS KEYSPAN CORPORATION - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE OCTOBER 2007

Location ID			HIMW-014D	HIMW-014I	HIMW-015D	HIMW-015I
Sample ID			HIMW-14D	HIMW-14I	HIMW-15D	HIMW-15I
Matrix			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (1	t)		-	-	-	-
Date Sampled			10/19/07	10/22/07	10/22/07	10/23/07
Parameter	Units	*				
Volatile Organic Compounds	<u> </u>					
Benzene	UG/L	1	10 U		10 U	
Ethylbenzene	UG/L	5	10 U	\sim 74	10 U	10 U
Toluene	UG/L	5	10 U	10 U	10 U	10 U
Xylene (total)	UG/L	5	10 U	\bigcirc	10 Ų	10 U
Semivolatile Organic Compounds						
2-Methylnaphthalene	UG/L	-	10 U	10 U	10 U	10 U
Acenaphthene	UG/L	20	10 U	24	10 U	5 J
Acenaphthylene	UG/L	50	10 U	35	10 U	17
Anthracene	UG/L	50	1 0 U	1 J	10 U	10 U
Benzo(a)anthracene	UG/L	0.002	10 U	10 U	10 U	10 U
Benzo(a)pyrene	UG/L	ND	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(b)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	UG/L	50	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	UG/L	0.002	10 U	10 U	10 U	10 U
Chrysene	UG/L	0.002	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	UG/L	50	10 U	10 U	10 U	10 U
Fluoranthene	UG/L	50	10 U	10 U	10 U	10 U
Fluorene	UG/L	50	10 U	11	10 U	10 U
Indeno(1,2,3-cd)pyrene	UG/L	0.002	10 U	10 U	10 U	10 U
Naphthalene	UG/L	10	10 U	1J	10 U	10 U
Phenanthrene	UG/L	50	10 U	6J	10 U	10 U
Pyrene	UG/L	50	10 U	10 U	10 U	10 Ü

⁻ NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds

 $[\]ensuremath{\text{\textbf{U}}}$ - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. NA - The sample was not analyzed for this parameter.

UJ - Not detected. The reported quantitation limit is an estimated value.

TABLE B-2 VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS KEYSPAN CORPORATION - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE OCTOBER 2007

Location ID	i	FIELDQC	FIELDQC	FIELDQC	FIELDQC	FIELDQC
Sample ID		TB 10/16	SB 10/17	TB 10/19	TB 102207	FB 102307
Matrix		Water Quality	Water Quality	Water Quality	Water Quality	Water Quality
Depth Interval (ft)		-	-	-	-	-
Date Sampled		10/16/07	10/17/07	10/17/07	10/22/07	10/23/07
Parameter	Units	Trip Blank (1-1)	Trip Blank (2-2)	Trip Blank (1-1)	Trip Blank (1-1)	Field Blank (1-1)
Volatile Organic Compounds						
Benzene	UG/L	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U	10 U	10 U	10 U
Toluene	UG/L	10 U	10 U	10 U	10 U	10 U
Xylene (total)	UG/L	10 U	10 U	10 U	10 U	10 U
Semivolatite Organic Compounds	<u> </u>		<u>.</u>			
2-Methylnaphthalene	UG/L	NA -	NA NA	NA	NA	10 U
Acenaphthene	UG/L	NA	NA	NA	NA	10 U
Acenaphthylene	UG/L	NA	NA	NA	NA	10 U
Anthracene	UG/L	NA	NA	NA	NA	10 U
Benzo(a)anthracene	UG/L	NA	NA	. NA	NA	10 U
Benzo(a)pyrene	UG/L	NA	NA	NA	NA	10 UJ
Benzo(b)fluoranthene	UG/L	NA	NA	NA	NA	10 U
Benzo(g,h,i)perylene	UG/L	NA	NA	NA	NA	10 U
Benzo(k)fluoranthene	UG/L	NA	NA	NA	NA	10 U
Chrysene	UG/L	NA	NA	NA	NA	10 U
Dibenz(a,h)anthracene	UG/L	NA	NA	NA	NA	10 U
Fluoranthene	UG/L	NA	NA	NA	NA	10 U
Fluorene	UG/L	NA	NA	NA	NA	10 U
Indeno(1,2,3-cd)pyrene	UG/L	NA	NA	NA	NA	10 U
Naphthalene	UG/L	NA	NA	NA	NA	10 U
Phenanthrene	UG/L	NA	NA	NA	NA	10 U
Pyrene	UG/L	NA	NA	NA	NA	10 U

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. NA - The sample was not analyzed for this parameter.

UJ - Not detected. The reported quantitation limit is an estimated value.

TABLE B-2 VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS KEYSPAN CORPORATION - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE OCTOBER 2007

Location ID		FIELDQC	FIELDQC
Sample ID		\$B 102307	TB 102307
Matrix		Water Quality	Water Quality
Depth Interval (ft)		-	-
Date Sampled		10/23/07	10/23/07
Parameter	Units	Trip Blank (2-2)	Trip Blank (1-1)
Volatile Organic Compounds			
Benzene	UG/L	10 U	10 U
Ethylbenzene	UG/L	10 U	10 U
Toluene	UG/L	10 U	10 U
Xylene (total)	UG/L	10 U	10 U
Semivolatile Organic Compounds			
2-Methylnaphthalene	UG/L	NA	NA
Acenaphthene	UG/L	NA	NA
Acenaphthylene	UG/L	NA	NA
Anthracene	UG/L	NA	NA
Benzo(a)anthracene	UG/L	NA	NA
Benzo(a)pyrene	UG/L	NA	NA
Benzo(b)fluoranthene	UG/L	NA	NA
Benzo(g,h,i)perylene	UG/L	NA	NA
Benzo(k)fluoranthene	UG/L	NA	NA
Chrysene	UG/L	NA NA	NA
Dibenz(a,h)anthracene	UG/L	NA	NA
Fluoranthene	UG/L	NA	NA
Fluorene	UG/L	NA	NA
Indeno(1,2,3-cd)pyrene	UG/L	NA	NA
Naphthalene	UG/L	, NA	NA
Phenanthrene	UG/L	NA	NA
Pyrene	UG/L	NA	NA

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value. NA - The sample was not analyzed for this parameter.

UJ - Not detected. The reported quantitation limit is an estimated value.

APPENDIX A VALIDATED FORM 1'S

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
- D The sample results are reported from a separate secondary dilution analysis.
- NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

EPA SAMPLE NO.

HIMW-3I

Lab Name: H2M LABS	, INC.	ontract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG No.: <u>KEY-URS004</u>
Matrix: (soil/water)	WATER	Lab Sample ID:	0712011-001A
Sample wt/vol: 5	(g/mL) <u>ML</u>	Lab File ID:	A\A56628.D
Level: (low/med)	FOM	Date Received:	10/17/07
% Moisture: not dec		Date Analyzed:	10/26/07
GC Column: ZB-624	ID: <u>.18</u> {r	nm) Dilution Factor:	1.00
Soil Extract Volume	(pL)	Soil Aliquot Volu	ıme (µL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	Ü
100-41-4	Ethylbenzene	10	Ū
1330-20-7	Xylene (total)	10	Ü



EPA SAMPLE NO.

HIMW-3S

Lab Name: H2M LABS,	INC. Co	ontract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG No.: <u>KEY-URS004</u>
Matrix: (soil/water)	WATER	Lab Sample ID:	0712011-002A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	A\A56629.D
Level: (low/med)	FOM	Date Received:	10/17/07
% Moisture: not dec.		Date Analyzed:	10/26/07
GC Column: ZB-624	ID: <u>.18</u> (n	m) Dilution Factor:	1.00

Soil Extract Volume: (pL) Soil Aliquot Volume (pL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	υ
100-41-4	Ethylbenzene	10	Ü
1330-20-7	Xylene (total)	10	U



EPA	SAMPLE	NO.
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HIMW-5I

Lab	Name:	H2M LABS,	INC.	Contract:	
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Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS004

Matrix: (soil/water) WATER Lab Sample ID: 0712011-003A

Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{A \setminus A56630.D}$

Level: (low/med) LOW Date Received: 10/17/07

% Moisture: not dec. Date Analyzed: 10/26/07

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (pL) Soil Aliquot Volume (pL)

CAS NO.	COMPOUND	(pg/L or pg/kg) UG/L	Q
71-43-2	Benzene	9	J
108-88-3	Toluene	3	J
100-41-4	Ethylbenzene	4	J
1330-20-7	Xylene (total)	280	



EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	H2M LABS, I	INC.	Co	ntract:			
Lab Code:	10478	Case No.:	KEY-URS	SAS No.	:	SDG No.:	KEY-URS004
Matrix: (so	oil/water)	WATER		Lab	Sample ID:	0712011-0	04A
Sample wt/v	rol: <u>5</u>	(g/mL) ML	Lab	File ID:	A\A56631.1	<u>D</u>
Level: (1	.ow/med)	LOW		Dat	e Received:	10/17/07	
% Moisture:	not dec.			Dat	e Analyzed:	10/26/07	
GC Column:	ZB-624	ID	: <u>.18</u> (m	m) Dil	lution Factor:	1.00	
Soil Extrac	t Volume:		(µL)	So	il Aliquot Vol	ume	(hr)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	10	Ü
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	υ



Lab Name: H2M LABS, INC.

EPA SAMPLE NO.

HIMW-85

	10450		****** ******	ana wa	SDC No .	KEY-URS004
Lab Code:	104/8	Case No.:	KEY-UKS	SAS No.:	SDG NO	KAI - GROOT

Contract:

Matrix: (soil/water) WATER Lab Sample ID: 0712011-005A

Sample wt/vol: $\underline{5}$ (g/mL) $\underline{\text{ML}}$ Lab File ID: $\underline{\text{A} \setminus \text{A56632.D}}$

Level: (low/med) LOW Date Received: 10/17/07

% Moisture: not dec. Date Analyzed: 10/26/07

GC Column: $\underline{ZB-624}$ ID: $\underline{.18}$ (mm) Dilution Factor: $\underline{1.00}$

Soil Extract Volume: (pL) Soil Aliquot Volume (pL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	υ
1330-20-7	Xylene (total)	10	U



EPA SAMPLE NO.

HIMW-3001

Lab Name: <u>H2M LABS</u> ,	TNC. Con	tract:	
Lab Code: <u>10478</u>	Case No.: <u>KEY-URS</u> S	CAS No.:	SDG No.: KEY-URS004
Matrix: (soil/water)	WATER	Lab Sample ID:	0712011-006A
Sample wt/vol: $\frac{5}{}$	(g/mL) ML	Lab File ID:	A\A56633.D
Level: (low/med)	<u>rom</u>	Date Received:	10/17/07
% Moisture: not dec.		Date Analyzed:	10/26/07
GC Column: ZB-624	ID: <u>.18</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(pr)	Soil Aliquot Vol	ume (µL)

CAS NO.	COMPOUND	(pg/L or pg/kg) og/L	V
71-43-2	Benzene	10	Ü
108-88-3	Toluene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	Ū



EPA SAMPLE NO.

SB 10/17

Lab Name:	H2M LABS, I	INC.	Co	ontract:	.		
Lab Code:	10478	Case No.:	KEY-URS	SAS No.	:	SDG No.:	KEY-URS004
Matrix: (so	oil/water)	WATER		Lab	Sample ID:	0712011-00	<u>8a</u>
Sample wt/v	701: <u>5</u>	(g/mL) WI	Lab	File ID:	A\A56635.D	!
Level: (1	low/med)	FOM		Dat	e Received:	10/17/07	
% Moisture:	not dec.			Dat	e Analyzed:	10/26/07	
GC Column:	ZB-624	ID	: <u>.18</u> (m	m) Dil	ution Factor:	1.00	
Soil Extrac	t Volume:		(pL)	Soi	l Aliquot Volu	me	_ (pL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-	-2 Benzene	10	Ü
108-88-	-3 Toluene	10	U
100-41-	-4 Ethylbenzene	10	บ
1330-20-	-7 Xylene (total)	10	ט



EPA SAMPLE NO.

TB 10/16

Lab Name:	H2M LABS, I	NC.	C	ontract	:		
Lab Code:	10478	Case No.:	KEY-URS	SAS No).:	SDG No.:	KEY-URS004
Matrix: (so	il/water)	WATER		L	ab Sample ID:	0712011-00	77 <u>A</u>
Sample wt/v	ol: <u>5</u>	(g/mL) <u>ML</u>	L	ab File ID:	A\A56634.I	2
Level: (1	ow/med)	LOW		Da	ate Received:	10/17/07	
% Moisture:	not dec.			D	ate Analyzed:	10/26/07	
GC Column:	ZB-624	ID	: <u>.18</u> (1	mm) D	ilution Factor:	1.00	
Soil Extrac	t Volume:		(hr)	s	oil Aliquot Vol	ume	(pL)

CAS NO.	COMPOUND	(pg/L or pg/Kg) UG/L	Q
71-43	-2 Benzene	10	U
108-88	-3 Toluene	10	U
100-41	-4 Ethylbenzene	10	U
1330-20	-7 Xylene (total)	10	U



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VOLATILE ORGANICS ANALYSIS DATA SHEET

		270
EPA	SAMPLE	NU

HIMW-5D

Lab Name: <u>H2M LABS</u> ,	INC. Co	ontract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG No.: KEY-URS004
Matrix: (soil/water)	WATER	Lab Sample ID:	0712117-001A
Sample wt/vol: 5	(g/mL) ML	Lab File ID:	A\A56650.D
Level: (low/med)	LOW	Date Received:	10/19/07
% Moisture: not dec.		Date Analyzed:	10/26/07

GC Column: ZB-624 ID: $\underline{.18}$ (mm) Dilution Factor: $\underline{1.00}$

Soil Extract Volume: (pL) Soil Aliquot Volume (pL)

CONCENTRATION UNITS:

	CAS NO.	COMPOUND	(hg/r or hg/kg) og/r	Q
ſ	71-43-2	Benzene	10	U
Ī	108-88-3	Toluene	2	J
Ī	100-41-4	Ethylbenzene	10	ט
r	1330-20-7	Xylene (total)	15	



EPA SAMPLE NO.

HIMW-12D

Lab Name: <u>H</u>	H2M LABS, I	NC.		Contrac	:t:			
Lab Code: 1	.0478	Case No.:	KEY-URS	SAS E	No.:		SDG No.:	KEY-URS004
Matrix: (soi	l/water)	WATER			Lab S	ample ID:	0712117-00	02A
Sample wt/vo	1: <u>5</u>	(g/mL	MT.		Lab F	ile ID:	<u>A\A56636.I</u>	2
Level: (lo	w/med)	<u>LOW</u>			Date	Received:	10/19/07	
% Moisture:	not dec.				Date	Analyzed:	10/26/07	
GC Column:	<u>ZB-624</u>	ID:	.18	(mm)	Dilut	ion Factor:	1.00	
Soil Extract	Volume:		(ръ)		Soil	Aliquot Volu	me	(pL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Ω
71-43-	2 Benzene	1	J
108-88-	3 Toluene	1	J
100-41-	4 Ethylbenzene	10	U
1330-20-	7 Xylene (total)	10	U



OLM04.2

EPA SAMPLE NO.

HIMW-12I

Lab Name: H2M LAB	S, INC.	ontract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG No.: KEY-URS004
Matrix: (soil/wate:	c) <u>WATER</u>	Lab Sample ID:	0712117-003A
Sample wt/vol:	<u>5</u> (g/mL) <u>ML</u>	Lab File ID:	A\A56646.D
Level: (low/med)	FOM	Date Received:	10/19/07
% Moisture: not de	c.	Date Analyzed:	10/26/07
GC Column: ZB-624	<u>1</u> ID: <u>.18</u> (r	nm) Dilution Factor:	1.00
Soil Extract Volum	e: (pL)	Soil Aliquot Volu	me (pL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	7	J
108-88-3	Toluene	3	J
100-41-4	Ethylbenzene	3	J
1330-20-7	Xylene (total)	240	



OLM04.2

EPA SAMPLE NO.

HIMW-12S

Lab Name: <u>H2M</u>	LABS, INC.	Contra	let:	•
Lab Code: <u>1047</u>	8 Case No.	KEY-URS SAS	No.:	SDG No.: KEY-URS004
Matrix: (soil/wa	ater) WATER		Lab Sample ID:	0712117-004A
Sample wt/vol:	<u>5</u> (g/r	L) <u>ML</u>	Lab File ID:	A\A56647.D
Level: (low/m	ed) <u>LOW</u>		Date Received:	10/19/07
% Moisture: not	dec.		Date Analyzed:	10/26/07
GC Column: ZB	<u>-624</u>	D: <u>.18</u> (mm)	Dilution Factor:	1.00
Soil Extract Vo	lume:	(pL)	Soil Aliquot Vol	ume (pL)

CAS NO.	COMPOUND	(hg/L or hg/kg) og/L	×
71-43	-2 Benzene	10	U
108-88	-3 Toluene	10	υ
100-41	-4 Ethylbenzene	10	Ü
<u> </u>	-7 Xylene (total)	10	Ü



EPA	SAMPLE	NO.
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HIMW-13I

Lab Name:	H2M LABS, INC.	Contract:	

Matrix: (soil/water) WATER Lab Sample ID: 0712117-005A

Sample wt/vol: $\underline{5}$ (g/mL) \underline{ML} Lab File ID: $\underline{A \setminus A56648.D}$

Level: (low/med) LOW Date Received: 10/19/07

% Moisture: not dec. Date Analyzed: 10/26/07

GC Column: ZB-624 ID: .18 (mm) Dilution Pactor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume (µL)

CAS NO.	COMPOUND	(pg/L or pg/Kg) UG/L	Q
71-43	-2 Benzene	10	U
108-88	-3 Toluene	10	U
100-41	-4 Ethylbenzene	10	U
1330-20	-7 Xylene (total)	10	Ü



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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMP	LE	NO
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HIMW-13S

Lab Name:	H2M LABS, I	NC.	Co	ontract:			
Lab Code:	1047 <u>8</u>	Case No.:	KEY-URS	SAS No.:		SDG No.:	KEY-URS004
Matrix: (so:	il/water)	WATER		Lab	Sample ID:	0712117-00)6 <u>A</u>
Sample wt/ve	ol: <u>5</u>	(g/mL)	ML.	Lab	File ID:	A\A56653.I	<u> </u>
Level: (le	ow/med)	FOM		Date	e Received:	10/19/07	
% Moisture:	not dec.			Date	e Analyzed:	10/26/07	
GC Column:	ZB-624	ID:	<u>.18</u> (n	m) Dil	ution Factor:	1.00	
Soil Extrac	t Volume:		(pL)	Soi	l Aliquot Volu	me	(pL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-	Benzene	10	U
108-88-	Toluene	10	Ü
100-41-	Ethylbenzene	10	U
1330-20-	Xylene (total)	10	<u> </u>



EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB 10/19

Lab Name: <u>H2M LABS</u> ,	INC. Contra	act:	
Lab Code: <u>10478</u>	Case No.: <u>KEY-URS</u> SAS	No.:	SDG No.: KEY-URS004
Matrix: (soil/water)	WATER	Lab Sample ID:	0712117-007A
Sample wt/vol: 5	(g/mL) <u>ML</u>	Lab File ID:	A\A56654.D
Level: (low/med)	FOM	Date Received:	10/19/07
% Moisture: not dec.		Date Analyzed:	10/26/07
GC Column: ZB-624	ID: <u>.18</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(pL)	Soil Aliquot Vol	ume (pL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	10	U
108-88-3	Toluene	10	ט
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U



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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO
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HIMW-8D

Dan Mante: H	2M 11HB5, 11	•••					
Lab Code: 10	0478	Case No.:	KEY-URS	SAS No.:		SDG No.:	KEY-URS004
Matrix: (soil	/water)	WATER		Lab	Sample ID:	0712167-00	<u>11A</u>
Sample wt/vol	L: <u>5</u>	(g/mL)	严	Lab	File ID:	A\A56656.1	2
Level: (low	/med)	LOW		Date	Received:	10/22/07	

% Moisture: not dec. Date Analyzed: 10/27/07

GC Column: ZB-624 TD: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (pL) Soil Aliquot Volume (pL)

	CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
Γ	71-43-2	Benzene	10	υ
	108-88-3	Toluene	10	υ
F	100-41-4	Ethylbenzene	10	U
	1330-20-7	Xylene (total)	10	Ü



EPA SAMPLE NO.

HIMW-13D

Lab Name:	H2M LABS, I	NC.	C	Contract:			
Lab Code:	10478	Case No.:	<u>key-urs</u>	SAS No.:		SDG No.:	KEY-URS004
Matrix: (so	il/water)	WATER		Lab	Sample ID:	0712167-00	02A
Sample wt/v	cl: <u>5</u>	(g/mL) <u>Mr</u>	Lab	File ID:	A\A56657.1	2
Level: (1	ow/med)	FOM		Date	Received:	10/22/07	
% Moisture:	not dec.			Date	e Analyzed:	10/27/07	
GC Column:	ZB-624	ID	: <u>.18</u> (:	mm) Dil	ution Factor:	1.00	
Soil Extrac	t Volume:		(hr)	Soi	l Aliquot Volu	me	(pL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
71-43-2	Benzene	6	J
108-88-3	Toluene	10	ប
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	8	J



KEY-URS004 S61

HIMW-14D

Lab Name:	H2M LABS, I	NC.		Contrac	et:		
Lab Code:	10478	Case No.:	KEY-URS	SAS	No.:	SDG No.:	KEY-URS004
Matrix: (so	il/water)	WATER			Lab Sample ID:	0712167-00	<u>)3A</u>
Sample wt/v	rol: <u>5</u>	(g/mL	ML		Lab File ID:	A\A56658.1	
Level: (1	.ow/med)	FOM			Date Received:	10/22/07	
% Moisture:	not dec.				Date Analyzed:	10/27/07	
GC Column:	ZB-624	ID:	.18	(mm)	Dilution Factor:	1.00	
Soil Extrac	t Volume:		(pL)		Soil Aliquot Vol	ume	(pL)

CONCENTRATION UNITS:

	CAS NO.	COMPOUND	(pg/L or pg/Kg) UG/L	Q
	71-43-2	Benzene	10	Ü
	108-88-3		10	Ü
-	100-41-4	Ethylbenzene	10	U
	1330-20-7	Xylene (total)	10	U

OLM04.2

KEY-URS004 S63

FDA	SAMPLE	MA

HIMW-81

Lab Name:	H2M LABS, INC.	Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS005

Matrix: (soil/water) WATER Lab Sample ID: 0712209-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: A\A56706.D

Level: (low/med) LOW Date Received: 10/23/07

% Moisture: not dec. Date Analyzed: 10/29/07

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume (µL)

CAS NO.	сомрооно (р	g/L or µg/Kg) UG/L	Q
71-43~2	Benzene	10	υ
108-88-3	Toluene	10	บ
100-41-4	Ethylbenzene	10	υ
1330-20-7	Xylene (total)	10	υ

EPA SAMPLE NO.

HIMW-14I

Lab Name:	H2M LABS,	INC.	d	Contrac	et:		
Lab Code:	10478	Case No.;	KEY-URS	SAS	No.:	SDG No.: 1	ŒY-URS00
Matrix: (so	oil/water)	WATER			Lab Sample ID:	0712209-002	<u>2</u> A
Sample wt/v	rol: <u>5</u>	(g/mL	<u>wr</u>		Lab File ID:	A\A56707.D	
Level: (1	.ow/med)	TOM			Date Received:	10/23/07	
% Moisture:	not dec.				Date Analyzed:	10/29/07	
GC Column:	ZB-624	ID:	<u>.18</u> (1	mm)	Dilution Factor:	1.00	
Soil Extrac	t Volume:		(pL)		Soil Aliquot Volu	me	(րԼ)

	CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
	71-43-2	Benzene	88	
	108-88-3	Toluene	10	U
-	100-41-4	Ethylbenzene	74	
Ì	1330-20-7	Xylene (total)	13	

EPA SAMPLE NO.

HIMW-15I

Lab Name: H2M LABS,	INC. Contra	act:	
Lab Code: <u>10478</u>	Case No.: KEY-URS SAS	No.:	SDG No.: KEY-URS005
Matrix: (soil/water)	WATER	Lab Sample ID:	0712209-003A
Sample wt/vol: 5	(g/mL) <u>ML</u>	Lab File ID:	A\A56708.D
Level: (low/med)	FOM	Date Received:	10/23/07
% Moisture: not dec.		Date Analyzed:	10/29/07
GC Column: ZB-624	ID: <u>.18</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(nt.)	Soil Alimet Wel-	

CAS NO.	COMPOUND	(pg/L or pg/Kg) UG/L	Q
71-43-	2 Benzene	11	
108-88-	3 Toluene	10	
100-41-	4 Ethylbenzene	10	
1330-20-	7 Xylene (total)	10	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 102307

Lab Name: H2M LABS, INC. Contract:

Matrix: (soil/water) WATER Lab Sample ID: 0712209-004A

Sample wt/vol: $\underline{5}$ (g/mL) $\underline{\text{ML}}$ Lab File ID: $\underline{\text{A} \setminus \text{A56709.D}}$

Level: (low/med) LOW Date Received: 10/23/07

% Moisture: not dec. Date Analyzed: 10/29/07

GC Column: ZB-624 ID: .18 (mm) Dilution Factor: 1.00

Soil Extract Volume: (µL) Soil Aliquot Volume (µL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-43	-2 Benzene	10	U
108-88	-3 Toluene	10	U
100-41	-4 Ethylbenzene	10	U
1330-20	-7 Xylene (total)	10	Ü

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 102307

Lab Name: <u>H2M LABS</u> ,	INC. Con	tract:	
Lab Code: <u>10478</u>	Case No.: KEY-URS	SAS No.:	SDG No.: KEY-URS00
Matrix: (soil/water)	WATER	Lab Sample ID:	0712209-005A
Sample wt/vol: $\underline{5}$	(g/mL) ML	Lab File ID:	A\A56710.D
Level: (low/med)	TOM	Date Received:	10/23/07
% Moisture: not dec.		Date Analyzed:	10/29/07
GC Column: ZB-624	ID: <u>.18</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume:	(uL)	Soil Alignot Vol	ume (uI.)

CAS NO.	COMPOUND	(pg/L or pg/Kg) UG/L	Q
71-43-	Benzene	10	u
108-88-	3 Toluene	10	U
100-41-	Ethylbenzene	10	U
1330-20-	7 Xylene (total)	10	Ü

EPA SAMPLE NO.

SB 102307

Lab Name:	H2M LABS,	INC.	C	Contrac	et:		
Lab Code:	10478	Case No.:	KEY-URS	SAS	No.:	SDG No.:	KEY-URS005
Matrix: (so	oil/water)	WATER			Lab Sample ID:	0712209-00)6A
Sample wt/v	rol: <u>5</u>	(g/mL) <u>MT</u>		Lab File ID:	A\A56711.I	2 .
Level: (1	.ow/med)	LOW			Date Received:	10/23/07	
% Moisture:	not dec.				Date Analyzed:	10/29/07	
GC Column:	ZB-624	ID	: .18 (mm)	Dilution Factor:	1.00	
Soil Extrac	t Volume:		(pL)		Soil Aliquot Vol	.ume	(pL)

CAS NO.	COMPOUND	(µg/L or µg/Kg) UG/L	Q
71-4	3-2 Benzene	10	
108-8	8-3 Toluene	10	U -
1.00-4	1-4 Ethylbenzene	10	U
1330-2	0-7 Xylene (total)	10	II

EPA SAMPLE NO.

HIMW-3I

Lab Name: H2M LABS, INC. Contract:

Case No.: KEY-URS SAS No.: Lab Code: <u>10478</u> SDG No.: KEY-URS004

Matrix: (soil/water) WATER Lab Sample ID: 0712011-001B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C38012.D

Level: (low/med) LOW Date Received: 10/17/07

Date Extracted: % Moisture: Decanted: (Y/N) 10/22/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/27/07

Injection Volume: $\underline{2}$ (pL) Extraction: (Type) SEPF

CONCENTRATION UNITS:

Dilution Factor: 1.00

CAS NO.	COMPOUND	(µg/L or	μg/Kg) <u>U</u>	G/L	Q
91-20-3	Naphthalene		10		Ü

Naphthalene	10	ן ט
2-Methylnaphthalene	10	υ
Acenaphthylene	10	Ü
Acenaphthene	10	Ü
Fluorene	10	Ü
Phenanthrene	10	Ū
Anthracene	10	U
Fluoranthene	10	Ü
Pyrene	10	U
Benzo(a)anthracene	10	U
Chrysene	10	U
Benzo(b) fluoranthene	10	Ū
Benzo(k)fluoranthene	10	. ប
Benzo(a)pyrene	10	03
Indeno(1,2,3-cd)pyrene	10	U
Dibenzo(a,h)anthracene	10	ט
Benzo(g,h,i)perylene	10	U+
_	2-Methylnaphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenzo(a,h)anthracene	2-Methylnaphthalene 10 Acenaphthylene 10 Acenaphthene 10 Fluorene 10 Phenanthrene 10 Anthracene 10 Fluoranthene 10 Pyrene 10 Benzo(a) anthracene 10 Chrysene 10 Benzo(b) fluoranthene 10 Benzo(k) fluoranthene 10 Benzo(a) pyrene 10 Indeno(1, 2, 3-cd) pyrene 10 Dibenzo(a, h) anthracene 10

(1) Cannot be separated from Diphenylamine

GPC Cleanup: (Y/N) N pH: ____



EPA SAMPLE NO.

SDG No.: KEY-URS004

HIMW-3001

Lab Name: <u>H2M LABS, INC.</u> Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

Matrix: (soil/water) WATER Lab Sample ID: 0712011-006B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C38017.D

Level: (low/med) \underline{LOW} Date Received: $\underline{10/17/07}$

% Moisture: Decanted: (Y/N) Date Extracted: 10/22/07

Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{10/27/07}$

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ü
91-57-6	2-Methylnaphthalene	10	υ
208-96-8	Acenaphthylene	10	U
83~32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	υ
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	บ
207-08-9	Benzo(k)fluoranthene	10	Ū
50-32-8	Benzo(a) pyrene	10	o j
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	ט
191-24-2	Benzo(g,h,i)perylene	10	ΩĀ

(1) Cannot be separated from Diphenylamine

12/11/2



CEA SEMEMEN	ÑΟ		LĖ	Ρ	SAM	PA	E
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Lab Name: H2M LABS, INC. Contract: ____

Matrix: (soil/water) WATER

Lab Sample ID:

0712011-002B

Sample wt/vol:

1000

(g/mL) ML Lab File ID: A\C38013.D

Level: (low/med)

Date Received:

10/17/07

% Moisture:

Decanted: (Y/N)

Date Extracted:

10/22/07

1000 (pL)

Date Analyzed:

Concentrated Extract Volume:

Dilution Factor: 1.00

10/27/07

GPC Cleanup: (Y/N) N pH: ____

Injection Volume: $\underline{2}$ (µL)

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	υ
208-96-8	Acenaphthylene	10	υ
83-32-9	Acenaphthene	10	υ
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	Ū
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	ָ ט
205-99-2	Benzo(b)fluoranthene	10	υ
207-09-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	υJ
193-39-5	Indeno(1,2,3-cd)pyrene	10	U i
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	U -P

(1) Cannot be separated from Diphenylamine

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EPA SAMPLE NO.

HIMW-51

Lab Name: H2M LABS, INC. Contract: ___

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS004

Matrix: (soil/water) WATER

Lab Sample ID:

<u>0712011-</u>003B

Sample wt/vol:

1000 (g/mL) ML Lab File ID:

A\C38014.D

Level: (low/med)

LOW

Date Received:

10/17/07

% Moisture:

Decanted: (Y/N)

Date Extracted: 10/22/07

Concentrated Extract Volume:

1000 (pL)

Date Analyzed:

10/27/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(µg/L or µg/Kg) UG/L

12/22/13

91-20-3	Naphthalene	1700	E
91-57-6	2-MethyInaphthalene	640	E
208-96-8	Acenaphthylene	160	E
83-32-9	Acenaphthene	14	
86-73-7	Fluorene	35	
85-01-8	Phenanthrene	20	
120-12-7	Anthracene	3	J
206-44-0	Fluoranthene	10	υ
129-00-0	Pyrene	10	υ
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	UA

(1) Cannot be separated from Diphenylamine

interfer

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-SIDL

T.ab	Name:	H2M LABS,	INC.	Contract:	
3304	man.	11211 1411117			

Matrix: (scil/water) WATER

Lab Sample ID:

0712011-003BDL

(g/mL) ML

Lab File ID:

A\C38036.D

Level: (low/med)

Sample wt/vol:

1000

LOW

Date Received:

10/17/07

% Moisture:

Decanted: (Y/N) N

Date Extracted:

10/22/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

10/29/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	3600	D
91-57-6	2-Methylnaphthalene	900	DĴ
208-96-8	Acenaphthylene	300	DJ
83-32-9	Acenaphthene	10	
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	Ü
129-00-0	Pyrene	10	บ
56-55-3	Benzo (a) anthracene	10	ប
218-01-9	Chrysene	10	ט
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9-	Benzo(k)fluoranthene	10	Ū
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	υ
53-70-3	Dibenzo(a,h)anthracene	10	ប
191-24-2	Benzo(g,h,i)perylene	10	U

(1) Cannot be separated from Diphenylamine

12/17/2

HIMW-5S

Lab	Name:	н2м	LABS,	INC.

Contract: _____

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS004

Matrix: (soil/water) WATER

Lab Sample ID:

0712011-004B

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C38015.D

Level:

(low/med)

LOW

Date Received:

10/17/07

% Moisture:

Decanted: (Y/N)

N

Date Extracted:

10/22/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

10/27/07

Injection Volume:

2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS 1	NO.
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COMPOUND

(μg/L	or	µg/Kg)	UG/L	Q
		10		

91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83~32-9	Acenaphthene	10	υ
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	υ
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	Ū
50-32-8	Benzo (a) pyrene	10	Ū,
193-39 - 5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	. 10	Ū
191-24-2	Benzo(g,h,i)perylene	10	Ü



EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-8S	

ab	Name:	H2M LABS,	INC.	Contract:
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Matrix: (soil/water) WATER Lab Sample ID: 0712011-005B

 Sample wt/vol:
 1000
 (g/mL)
 ML
 Lab File ID:
 A\C38016.D

 Level:
 (low/med)
 LOW
 Date Received:
 10/17/07

% Moisture: Decanted: (Y/N) N Date Extracted: 10/22/07

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/27/07

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	14	
91-57-6	2-Methylnaphthalene	4	Ĵ
208-96-8	Acenaphthylene	2	J
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	บ
85-01-8	Phenanthrene	10	Ū
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	Ū
129-00-0	Pyrene	10	Ū
56-55-3	Benzo(a)anthracene	10	Ü
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U ,
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	ប

(1) Cannot be separated from Diphenylamine

191-24-2 | Benzo(g,h,i)perylene

12/2/2

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EPA	SAMPLE	NO
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Lab Name: H2M LABS, INC. Contract:

Case No.: KEY-URS

SDG No.: KEY-URS004

Matrix: (soil/water) WATER

SAS No.: Lab Sample ID:

Sample wt/vol:

Lab Code: 10478

1000

(g/mL) ML

Lab File ID:

0712117-001B A\C38019.D

Level:

(low/med)

Date Received:

10/19/07

% Moisture:

Decanted: (Y/N)

N

Date Extracted:

10/23/07

Concentrated Extract Volume: 1000 (µL)

LOW

10/27/07

Injection Volume:

2 (µL)

COMPOUND

Benzo(a) anthracene

Benzo(b) fluoranthene

Benzo(k) fluoranthene

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene

Benzo(a)pyrene

Chrysene

Date Analyzed:

Dilution Factor:

1.00

GPC Cleanup:

CAS NO.

(Y/N) <u>N</u>

pH: ____

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L

10

10

10

10

10

10

10

10

91-20-3	Naphthalene	10	Ū
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	υ
120-12-7	Anthracene	10	ū
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	υ

(1) Cannot be separated from Diphenylamine

56-55-3

218-01-9

205-99-2

207-08-9

50-32-8

193-39-5

53-70-3

191-24-2

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-12D

ab	Name:	H2M LABS,	INC.	Contract:	
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SDG No : KEY-URS004

Matrix: (soil/water) WATER

Lab Sample ID:

0712117-002B

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C38020_D

Level: (low/med)

LOW

Date Received:

10/19/07

% Moisture:

Decanted: (Y/N)

Date Extracted:

10/23/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

10/27/07

Injection Volume: $2 \quad (\mu L)$

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

NO.

COMPOUND

(µg/L	or	μg/Kg)	UG/L	Q
		10	$\overline{}$	73

91-20-3	Naphthalene	_10	υ
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	Ü
83-32-9	Acenaphthene	10	Ü
86-73-7	Fluorene	10	ט
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	Ū
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	Ü
50-32-8	Benzo(a)pyrene	10	U:T
193-39-5	Indeno(1,2,3-cd)pyrene	10	U i
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	0.4

EPA SAMPLE NO.

н	TM	W~	٦	2	Ŧ	
п	2.17	w-	J.	~	1	

Lab Name: H2M La	ABS, INC.	Con	tract:	
Lab Code: <u>10478</u>	Case No.	: KEY-URS	SAS No.:	SDG No.: KEY-URS004
Matrix: (soil/wa	ter) <u>WATER</u>		Lab Sample ID:	0712117-003B
Sample wt/vol:	1000	(g/mL) ML	Lab File ID:	A\C38021.D
Level: (low/m	ed) <u>LOW</u>		Date Received:	10/19/07

% Moisture: Decanted: (Y/N) N Date Extracted: $\underline{10/23/07}$ Concentrated Extract Volume: $\underline{1000}$ (μL) Date Analyzed: $\underline{10/27/07}$

Injection Volume: $\underline{2}$ (μL) Dilution Factor: $\underline{1.00}$

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	
91-57-6	2-Methylnaphthalene	10	υ
208-96-8	Acenaphthylene	50	
83-32-9	Acenaphthene	41	
86-73-7	Fluorene	31	
85-01-8	Phenanthrene	6	J
120-12-7	Anthracene	10	ΰ
206-44-0	Fluoranthene	10	O
129-00-0	Pyrene	10	Ū
56-55-3	Benzo(a)anthracene	10	υ
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ü
207-08-9	Benzo(k) fluoranthene	10	υ
50-32-8	Benzo(a)pyrene	10	ָדָ ט
193-39-5	Indeno(1,2,3-cd)pyrene	10	ប្រ
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	ט

(1) Cannot be separated from Diphenylamine

12/28/2



EPA SAMPLE NO.

HIMW-12S

Lab Name: H2M LABS, INC.

Contract:

SDG No.: KEY-URS004

Lab Code: 10478

Level: (low/med)

Case No.: KEY-URS SAS No.:

0712117-004B

Matrix: (soil/water) WATER

(g/mL) ML

Lab File ID:

A\C38022.D

Sample wt/vol:

1000

Date Received:

Lab Sample ID:

10/19/07

% Moisture:

LOW

Decanted: (Y/N) N Date Extracted: 10/23/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed: 10/27/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ū
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	υ
83-32-9	Acenaphthene	10	υ
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	υ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55 - 3	Benzo(a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	Ū
207-08-9	Benzo(k) fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U (
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U -

EPA SAMPLE NO.

	SEMIVOLATILE ORGANI	ICS ANALYSIS DATA SHEET	HIMW-131
Lab Name:	H2M LABS, INC.	Contract:	

Lab Code: 10478 Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS004

Matrix: (soil/water) WATER Lab Sample ID: 0712117-005B

Lab File ID: A\C38023.D Sample wt/vol: 1000 (g/mL) ML

(low/med) Date Received: Level: LOW 10/19/07

Decanted: (Y/N) N Date Extracted: 10/23/07 % Moisture:

10/27/07 Date Analyzed: Concentrated Extract Volume: 1000 (µL)

Dilution Factor: 1.00 Injection Volume: $\frac{2}{2}$ (µL)

Extraction: (Type) SEPF GPC Cleanup: (Y/N) N pH: ____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	1	J
91-57-6	2-Methylnaphthalene	10	Ū
208-96-8	Acenaphthylene	63	
83-32-9	Acenaphthene	8	J
86-73-7	Fluorene	15	
85-01-8	Phenanthrene	16	
120-12-7	Anthracene	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	Ū
56 - 55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10 -	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	υJ
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	υ↓



EPA	SAMPLE	NO
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HIMW-13S

Lab Name: H2M LABS, INC.

Contract:

Lab Code: <u>10478</u>

Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS004

Matrix: (soil/water) WATER

Lab Sample ID:

0712117-006B

Sample wt/vol:

1000

(g/mL) ML

Lab File ID:

A\C38024.D

Level: (low/med)

LOW

Date Received:

10/19/07

% Moisture:

Decanted: (Y/N)

N

Date Extracted:

10/23/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

10/27/07

Injection Volume: 2 (µL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	ΰ
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	Ü
85-01-8	Phenanthrene	10	Ü
120-12-7	Anthracene	10	Ü
206-44-0	Fluoranthene	10	Ū
129-00-0	Pyrene	10	ប
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	Ü
50-32-8	Benzo(a)pyrene	10	υ "
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	υ 4

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-8D		

Lab Name: H2M LABS, INC.

Contract:

Lab Code: 10478

Case No.: KEY-URS

SAS No.: _____

SDG No.: KEY-URS004

Matrix: (soil/water) WATER

0712167-001B

Sample wt/vol:

1000

(g/mL) ML Lab File ID:

A\C38041.D

Level:

(low/med)

LOW

Date Received:

Lab Sample ID:

10/22/07

% Moisture:

Decanted: (Y/N)

N

Date Extracted:

10/25/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

10/29/07

Injection Volume:

2 (µL)

Dilution Factor:

1.00

GPC Cleanup:

(Y/N) N

pH:

Extraction: (Type) <u>SEPF</u>

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ū
91-57-6	2-Methylnaphthalene	10	Ü
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	υ
86-73-7	Fluorene	10	ีย
85-01-8	Phenanthrene	10	Ū
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	Ū
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	Ū
205-99-2	Benzo(b) fluoranthene	10	Ū
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	n 2
193-39-5	Indeno(1,2,3-cd)pyrene	10	υ
53-70-3	Dibenzo(a,h)anthracene	10	U

(1) Cannot be separated from Diphenylamine

191-24-2 | Benzo(g,h,i)perylene

Mila

EPA SAMPLE NO.

HIMW-13D

Lab Name:	H2M LABS,	INC.	Contract:	

Lab Code: 10478

Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS004

Matrix: (soil/water) WATER

Lab Sample ID:

0712167-002B

Sample wt/vol:

1000

(g/mL) ML

N

Lab File ID:

A\C38042.D

Level: (low/med)

LOW

Date Received:

10/22/07

% Moisture:

Decanted: (Y/N)

Date Extracted:

10/25/07

Concentrated Extract Volume: 1000 (pL)

Date Analyzed:

10/29/07

Injection Volume:

2 (µL) Dilution Factor:

1.00

GPC Cleanup: (Y/N) N

pH: _

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(µg/L or µg/Kg) <u>UG/L</u>	Q
91-20-3	Naphthalene	10	Ū
91-57-6	2-Methylnaphthalene	10	Ū
208-96-8	Acenaphthylene	13	
83-32-9	Acenaphthene	8	J
86-73-7	Fluorene	10	Ū
85-01-8	Phenanthrene	10	Ū
120-12-7	Anthracene	10	Ų
206-44-0	Fluoranthene	10	Ü
129-00-0	Pyrene	10	Ü
56-55-3	Benzo(a)anthracene	10	ប
218-01-9	Chrysene	10	Ü
205-99-2	Benzo(b)fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	ប
50-32-8	Benzo(a)pyrene	10	o 2
193-39-5	Indeno(1,2,3-cd)pyrene	10	Ü
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	Ü

18-WMIH

Lab Name:	H2M LABS, I	NC.	Contract:	
				

(μL)

2

SD3 No .: KEY-URS005 Lab Code: 10478 Case No.: KEY-URS SAS No.:

Matrix: (soil/water) WATER Lab Sample ID: 0712209-001B

Sample wt/vol: 1000 (g/mL) Lab File ID: MLA\238045.D

LOW Date Received: Level: (low/med) 10/23/07

% Moisture: Decanted: (Y/N) N Date Extracted: 10/25/07

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 10/29/07

1.00

Extraction: (Type) SEPF GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Dilution Factor:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) $\underline{\text{UG/L}}$	Q
91-20-3	Naphthalene	10	บ
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10.	υ
120-12-7	Anthracene	10	Ū
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U:
50-32-8	Benzo(a)pyrene	10	υ .
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	υ
191-24-2	Benzo(g,h,i)perylene	10	U!

(1) Cannot be separated from Diphenylamine

Injection Volume:

who

EPA SAMPLE NO.

HIMW-14I

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URSO05

Matrix: (soil/water) WATER

Lab Sample ID: ML

0712209-0021

Sample wt/vol:

1000

(g/mL)

Lab File ID:

A\C38046.D

Level: (low/med)

LOW

Date Received:

10/23/07

% Moisture:

Decanted: (Y/N) N

Date Extracted: Date Analyzed:

10/25/07 10/29/07

Concentrated Extract Volume: 1000 (µL)

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO

CAS NO.	COMPOUND	(μg/L or μg/Kg) <u>UG/</u>	<u>r</u> o
91-20-3	Naphthalene	1	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	35	
83-32-9	Acenaphthene	24	
86-73-7	Fluorene	11	1
85-01-8	Phenanthrene	6	J
120-12-7	Anthracene	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	Ü
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	υJ
193-39-5	Indeno(1,2,3-cd)pyrene	10	υ
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-15I

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.:

SDG No.: KEY-URS005

Matrix: (soil/water) WATER

Lab Sample ID:

0712209-003B

Sample wt/vol:

1000 (g/mL)

ML

Lab File ID:

A\C38047.D

Level: (low/med)

Date Received:

10/23/07

% Moisture: Decanted: (Y/N) N

LOW

Date Extracted:

10/25/07

Concentrated Extract Volume: 1000 (µL)

Date Analyzed:

10/29/07

Injection Volume: $\underline{2}$ (μL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) \underline{N} pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg) UG/L (Q

91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	บ
208-96-8	Acenaphthylene	17	
83-32-9	Acenaphthene	5	J
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120~12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55 - 3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b) fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U 3
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	<u>_</u>

(1) Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 102307

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: KEY-URS

SAS No.:_____

SDG No.: KEY-URS005

Matrix: (soil/water) WATER

Lab Sample ID:

0712209-004B

Sample wt/vol:

1000

(g/mL) ML

N

Lab File ID:

A\C38048.D

Level: (low/med)

LOW

Date Received:

10/23/07

% Moisture:

Decanted: (Y/N)

Date Extracted:

10/25/07

Concentrated Extract Volume: 1000 (μ L)

Date Analyzed:

10/29/07

Injection Volume: $\underline{2}$ (μ L)

Dilution Factor:

1.00

GPC Cleanup: (Y/N) N pH: ____

Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg) \underline{U} G/L	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	บ
83-32-9	Acenaphthene	10	U
86-73-7	Fluorene	10	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	1.0	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	υJ
193-39-5	Indeno(1,2,3-cd)pyrene	10	
53-70-3	Dibenzo(a,h)anthracene	10	Ü
191-24-2	Benzo(g,h,i)perylene	10	<u>_</u>

(1) Cannot be separated from Diphenylamine

APPENDIX B SUPPORT DOCUMENTATION

EX	
24601	

2	Keyspan - Hempstead with the property of the accounts for Phone Number:	HE MENTIL ABS. INC. 24(1) EXTERNAL CHAIN OF CUSTODY		e container 2	2 tho mil amber 1.4 2 tho mil	Comporation HZM SDG NO: KEY-U85004 Comporation HZM SDG NO: KEY-U85004 This chain Akerbergs allowed Sport Phone Number:
		CLIENT: U.C.S. Conversition NOTES: Profess Milk This when the content of the cont	LDS. INC. 2461 EXTERNAL CHAIN OF CUSTOR Shille, NY 11747-5076 (631) 420-8436 CLIENT: U.C.S. Conperation HZM SDG NO: Project LO - Hampstead 125	SAMPI ERS: (signature)/Client //	e) }	2370 587
in thempstead		CLIENT: URS Conperation H2M SDG NO: KEY-	CLIENT: U.R.S. Comparation H2M SDG NO: KEV-	UECT NAME/NUMBER	()	
en-thempstead 25 5 This evening the	NOTES		C. 24601	궁	IT: URS	H2M SDG NO: $K \mathcal{E} \mathcal{V}$

											- 69											
Phone Number:	ł				REMARKS:		H#MU-55				SECTION 1883					INLY	Samples were: Subseq ockland Delivered XArbili#	2. Ambient or collises, Temp. 3. Received in good condition CY or N	rved (Nor N	COC Tabe was:	2. Unbroken on outer package: Y or N 3. COC record present & complete upon sample receipt:	
accounts for Phone Numbers					LAB I.D. NO.	10-110216.0	h00 -	-00	900 <u>-</u>	-003	- 005	1.90 -	<i>√</i> ~0054			LABORATORY USE ONLY			4. Properly preser	COC Tape was:	2. Unbroken on o	N 20 ()
				INORG.	CN										,		Discrepancies Between	Sample Labels and COC Record? Yor N	Explain:			
			ESTED													Time	10/07/12 12	75.3/	Time		Time	
			ANALYSIS REQUESTED													Date	19(1)(0]	1 Date 10/17/07	Oate		Oate	
7073 -718 1800 1800	×378	7 3	ANALY	ORGANIC	EWA Poor Poor Poor	4 2	1				 	6	rð				\					
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	1			3	/1				142	1 1	こんをプレ	1	17	1		(pape)	0/1/01	Cate	///	3	Oate	
	ayCllent Lu		0	NEWNOOL		≤ -			2						-		1		***************************************	}		
	signature 3)		IND TIME:		ᅼ	2 °	4 9		2 ½	2 5	2		+		(Signature)	H	househed by: (Signature)	7	(eimendic):	y. (Signatura)	
	AMPLERS: (signature)/Cilent			URNAROUND TIME	L	- 1	10 m c l	200 - 100 -	1/2/21/190	100 Table 100 Ta	מילים וכתי	200				celinqujely8d by: (Signature)	J. W.	18 A STATE OF THE PARTY OF THE		einduished by: (Signeme)	delinquished by: (Signature)	
				-				~ ·			·	4						~~~	٠,	~	100	

KEY-TERSOBY 5 PRIGINAL

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

AM LABS, INC.

Sample Receipt Checklist

Client Name KEY-URS		Date and Time Receive	10/17/2007 4:30:00 PM
Work Order Numbe 0712011		Received by dmc	
Checklist completed by Signature Date	7/07	Reviewed by	1020 07
Matrix: Carrier name	<u>Pickup</u>		
Shipping container/cooler in good condition?	Yes 🗹	No Not Applicable	
Custody seals intact on shippping container/cooler?	Yes 🗌	No Not Applicable	
Custody seals intact on sample bottles?	Yes 🗌	No Not Applicable	
Chain of custody present?	Yes 🗹	No 🗀	
Chain of custody signed when retinquished and received?	Yes 🗹	No 🗆	
Chain of custody agrees with sample labels?	Yes 🗹	No 🗌	
Samples in proper container/bottle?	Yes 🗹	No 🗌	
Sample containers intact?	Yes 🗹	No 🗆	
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆	
samples received within holding time?	Yes 🗹	No 🔲	
Container/Temp Blank temperature in compliance?	Yes 🗹	No 🗆	
Water - VOA vials have zero headspace? No VOA vials sub-	mitted	Yes 🗹 No 🗌	
Water - pH acceptable upon receipt?	Yes 🗹	No 🗌	
Adjusted?	Che	ecked b	- ,
Any No and/or NA (not applicable) response must be detailed in the	comments section) be	
Client contacted Date contacted:		Person contacted	
Contacted by: Regarding	· · · · · · · · · · · · · · · · · · ·		
Comments:			
Corrective Action			
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HZM LABS, INC.

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75 Broad Hollow Rd, Melville, NY 11747-5076	el: (631) 694-3040 Fax: (631) 420-8436	
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575 Broad Hollow Rd, Melville, NY 11747-5076	Tel. (631) 694-3040 Fax: (631) 420-8436		PROJECT NAME/NUMBER

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H2M SDG NO: KEY-C25COU	Project Contact: M. N. C. Alkerbryk Phone Number: 973 785 C100 PIS/Quote #		REMARKS:			HTJUM - 135		B(3.5.5.5.3.4.5.5.3.4.5.5.5.5.5.5.5.5.5.5.	J		NLY .	1. Shipped or Band Delivered X. Arbilist 2. Ambient or philled Jemp 3. Received in good condition (Yor N 4. Property preserved (Yor N	1. Present on outsr package: York	Charaken on outer peccage: To re COC record present & complete upon sample receipt: CAr N
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CLIENT: UR	Semple Container Description HCL (40 m/) amber 1 L amber (444)	ANA SOLUTION OF SO	»	1				SS SS			Stonethers)	Source States	Telmeuse	(Signature)
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575 Broad Hollow Ru, melville, IV. 1733 531 (631) 694-3040 Fax; (631) 420-8436	PROJECT NAME/NUMBER FROJECT NAME/NUMBER FROJECT NAME/NUMBER FROJECT NAME/NUMBER FROJECT NAME/NUMBER SAMPLERS: (signature)/Client FROJECT NAME/NUMBER	DELINERABLES: Cat B	SWYON -		10000 GW	11/17/0 11/1/10	1270	5601	1310	(12) * (1) *	Relinquistad by. (Signatura)	Contract Dr. Signalyre	Relinquished by: (Signalune)	Relinquished by, (Signature)
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YELLOW COPY - CLIENT

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Sample Receipt Checklist

Client Name KEY-URS		Date and Time Re	eceive	10/19/2007 4:00:00 PM
Work Order Numbe 0712117		Received by	dmc	
Checklist completed by Signature Date	107	Reviewed by Ini	Sala	10/22/07 Date
Matrix: Carrier name	<u>Pickup</u>			
Shipping container/cooler in good condition?	Yes 🗹	No 🗌 Not A	pplicable 🗌	
Custody seals intact on shippping container/cooler?	Yes 🗌	No ☐ Not A	pplicable 🗹	
Custody seals intact on sample bottles?	Yes 🗌	No 🗌 Not A	pplicable 🗹	
Chain of custody present?	Yes 🗹	No 🗆		
Chain of custody signed when relinquished and received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels?	Yes 🗌	No 🗹		
Samples in proper container/bottle?	Yes 🗹	No 🗆		
Sample containers intact?	Yes 🗹	No 🗌		
Sufficient sample volume for indicated test?	Yes 🗹	No 🗆		
samples received within holding time?	Yes 🗹	No 🗀		
Container/Temp Blank temperature in compliance?	Yes 🗹	No 🗆		
Water - VOA vials have zero headspace? No VOA vials sub	mitted \square	Yes 🗹	No 🗌	
Water - pi-l acceptable upon receipt?	Yes 🗹	No 🗌		
Adjusted?	Che	ecked b		
Any No and/or NA (not applicable) response must be detailed in the	comments section	be		=======
Client contacted Date contacted:	10/20/07	Person o	contacted C	ARRIE FREDMAN
Contacted by: Kn Anacu Regarding				
Comments: 2 TRIP BLANK SETS RE-	CEIVED,	NO TRIP	BLANK	S ON C.O.C.
Corrective Action 6NU RUNNING 1	TB,			
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TODY	NO: (1/0/5/70)	Project Contact:	Akerberga	Phone Number:	0000	PIS/Quote #			-		REMARKS:				(1) 7/24.0H · ·					ONL Y	5. Shipped or Hand Delivered Airbill#	ood condition: Y or N	eved: York
EXTERNAL CHAIN OF CUSTODY	H2M SDG NO:	NOTES:									0	197-C21-C3-C4		3	C-5	SCOT				LABORATORY USE ONLY	U BB	z	4. Property preserved: Y or N
NAL CI	2 F			-	· 					NORG.	letal NC	1									Discrepand	COC Record? Yo	Explain:
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TALLABS, INC.	-5076	(631) 420-8436		· · · · · ·	Hempstead	SAMPLERS: (signature)/Client	Jan I		DELIVERABLES:	N TIME:	Normal	DATE TIME MATRIX	osis 6W LIMM-	14D - 14D	1	4/20/07/1835 GW HIMW-130				the Company of the Co	301 X 1	Reliferenting Toric (Signature)	NA IN SIGNATURE OF SINGLE STAT

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PINK COPY - LABORATORY

COCTES was:

1. Present on outsr package: Y or N

2. Unbroken on outsr package: Y or N

3. COC record present & complete upon sample receipt: Y or N

Date

Received by: (Signature)

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Sate

Relinquished by: (Signature)

Explain:

M. SI-Olech

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KMMTERSON SQUICINAL





Sample Receipt Checklist

Client Name KEY-URS	•		Date and Tin	ne Receive	10/22/2007
Work Order Numbe 0712167			Received by	CAM	
Checklist completed by Signature	Date of the state	22/0	Reviewed by	toiles	10/23/07
Matrix:	Carrier name	<u>Pickup</u>			
Shipping container/cooler in good condition?		Yes 🗹	No 🗆	Not Applicable	
Gustody seals intact on shippping container/o	ooler?	Yes 🗌	No 🗌	Not Applicable 🗹	
Custody seals intact on sample bottles?		Yes 🗌	No 🗆	Not Applicable	
Chain of custody present?	•	Yes 🗹	No 🗆		
Chain of custody signed when relinquished ar	nd received?	Yes 🗹	No 🗆		
Chain of custody agrees with sample labels?		Yes 🗹	No 🗆		
Samples in proper container/bottle?		Yes 🗹	No 🗆		
Sample containers intact?		Yes 🗹	No 🗔		* *
Sufficient sample volume for indicated test?	• •	Yes 🗹	No 🗌		٠.
Il samples received within holding time?		Yes 🗹	No 🗌		• .
Container/Temp Blank temperature in compli	ance?	Yes 🗹	No 🗆		
Water - VOA vials have zero headspace?	No VOA vials sub	omitted \square	Yes 🛂	No 🗆 -	•
Water - pH acceptable upon receipt?	•	Yes 🗹	No 🗌		•
	Adjusted?		Checked b	·	
Any No and/or NA (not applicable) response	must be detailed in the	comments sec	ction be		
					
Client contacted	Date contacted:	<u> </u>	Pe	rson contacted	
Contacted by:	Regarding				<u> </u>
Comments:					
	•			<u> </u>	
Corrective Action				ı	
CONTOUR OF TAXABLE PROPERTY.					
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H2M LABS, INC.

SDG NARRATIVE FOR VOLATILE ORGANICS SAMPLES RECEIVED: 10/17/07, 10/19/07, and 10/22/07 SDG #: KEY-URS004

For Samples:

12/27/03/2

		· ·	
HIMW-3I	HIMW-300I	HIMW-12I	HIMW-8D
HIMW-3S	TB 10/16	HIMW-12S	HIMW-13D
HIMW-5I	-8B 10/17 SB 10/17	HIMW-13I	HIMW-14D
HIMW-5S	HIMW-5D MS/MSD	HIMW-13S	HIMW-15D
HIMW-8S	HIMW-12D	TB 10/19	TB 102207

The above samples were analyzed for a select list of volatile organic analytes in accordance with the NYSDEC ASP, Rev. 2000.

All QC data and calibrations met the requirements of the method, and no problems were encountered with sample analysis. The following should be noted:

HIMW-5D

Sample M-1R was analyzed as the matrix spike/matrix spike duplicate (MS/MSD).

• All percent recoveries were within Q.C. limits for the MS/MSD, the matrix spike blank (LCS), and the lab fortified blank (LFB).

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: November 6, 2007

Ursula Middel Technical Manager

H2M LABS, INC.

SDG NARRATIVE FOR SEMIVOLATILE ANALYSES SAMPLE RECEIVED: 10/17/07, 1019/07 & 10/22/07 SDG#: KEY-URS004

For Sample:

HIMW-3I	HIMW-8S	HIMW-12I	HIMW-8D
HIMW-3S	HIMW-300I	HIMW-12S	HIMW-13D
HIMW-5I	HIMW-5D	HIMW-13I	HIMW-14D
HIMW-5S	HIMW-12D	HIMW-13S	HIMW-15D

The above samples were analyzed for the STARS list of semivolatile organic analytes by EPA method 8270C in accordance with NYSDEC ASP 2000 and reported with category B deliverables.

Sample HIMW-5D was analyzed as the matrix spike/matrix spike duplicate. All percent recoveries and RPD's were met.

Sample HIMW-5I was reanalyzed at a dilution due to concentration levels of targeted analytes above the calibration range.

The surrogate standard nitrobenzene-d5 had a high recovery in the undiluted sample. All surrogate recoveries were diluted out in the dilution. The surrogate standard was double spiked for this sample. The percent recoveries listed on Form 2 are correct.

Benzo(b)fluoranthene had a %RSD greater than 20.5% in the initial calibration. Benzo(g,h,i)perylene had a %D greater than 25% on 10/24/07 in the continuing calibrations.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: November 9, 2007

Senior Vice President

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SDG No.: KEY-URS004

Lab File ID: A\C38009.D DFTPP Injection Date: 10/27/07

Instrument ID: HP5972 DFTPP Injection Time: 12:30

		% RELATIVE
m/e	ION ABUNDANCE CRITERIA	ABUNDANCE
51	30.0 - 60.0% of mass 198	37.3
68	Less than 2.0% of mass 69	0.2 (0.5)1
69	Mass 69 relative abundance	44.0
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	40.9
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	18.1
365	Greater than 1.0% of mass 198	1.6
441	Present, but less than mass 443	8.9
442	40.0 - 110.0% of mass 198	51.7
443	17.0 - 23.0% of mass 442	9.6 (18.6)2

1-Value is % mass 69

2-Value is % mass 44

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

- 1	EPA	LAB	LAB	DATE	TIME
ĺ	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZE
01	SSTD025	SSTD025	\C38010C.D	10/27/07	12:47
02	HIMW-3I	0712011-001B	A\C38012.D	10/27/07	13:50
03	HIMW-3S	0712011-002B	A\C38013.D	10/27/07	14:23
04	HIMW-5I	0712011-003B	A\C38014.D	10/27/07	14:56
05	HIMW-5S	0712011-004B	A\C38015.D	10/27/07	15:28
06	HIMW-8S	0712011-005B	A\C38016.D	10/27/07	16:01
07	H(MW-3001	0712011-006B	A\C38017.D	10/27/07	16:33
08	HIMW-5D	0712117-001B	A\C38019.D	10/27/07	17:38
09[HIMW-12D	0712117-002B	A\C38020.D	10/27/07	18:11
10	HIMW-12I	0712117-003B	A\C38021.D	10/27/07	18:43
11	HIMW-12S	0712117-004B	A\C38022.D	10/27/07	19:16
12	HIMW-131	0712117-005B	A\C38023.D	10/27/07	19:48
13	HIMW-13S	0712117-0068	A\C38024.D	10/27/07	20:21

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS, INC.

Contract: ____

Instrument ID: $\underline{HP5972}$ Calibration Date: $\underline{10/27/07}$ Time: $\underline{12:47}$

Lab File ID: \C38010C.D

Init. Calib. Date(s): 10/23/07 10/23/07

EPA Sample No.(SSTD050##): SSTD025 Init. Calib. Times: 10:51

GC Column: R-5SILMS

ID: <u>.25</u> (mm)

	and the state of t		MIN		MAX
COMPOUND	RRF	RRF50	RRF	%D	%D
Naphthalene	0.991	1.008	0.700	1.7	25.0
2-Methylnaphthalene	0.608	0.632	0.400	4.0	25.0
Acenaphthylene	1.895	1.995	1.300	5.3	25.0
Acenaphthene	1.169	1.247	0.800	6.6	25.0
Fluorene	1.275	1.343	0.900	5.4	25.0
Phenanthrene	1.284	1.326	0.700	3.3	25.0
Anthracene	1.317	1.362	0.700	3.4	25.0
Fluoranthene	1.203	1.280	0.600	6.4	25.0
Pyrene	1.474	1.479	0.600	0.4	25.0
Benzo(a)anthracene	1.179	1.239	0.800	5.1	25.0
Chrysene	1,105	1.152	0.700	4.3	25.0
Benzo(b)fluoranthene	1.671	1.393	0.700	-16.6	25.0
Benzo(k)fluoranthene	1.240	1.076	0.700	-13.2	25.0
Benzo(a)pyrene	1.369	1.072	0.700	(-21.7	25.0
Indeno(1,2,3-cd)pyrene	1.524	1.179	0.500	-22.6	25.0
Dibenzo(a,h)anthracene	1.225	0.933	0.400	23.1	25.0
Benzo(g,h,i)perytene	1.366	1.035	0.500	-24.2	25.0



OLM04.2

EXTERNAL CHAIN OF CUSTODY

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HE IN LABS. INC. 575 Broad Hollow Rd, Melville, NY 11747-5076 Tel: (

575 Broad Hollow Rd, MelVille, NT 11141-5070	SI IENT: 1/K	Contraction !		HZM SDG NO:KOKOKO	\triangle
Tel: (631) 694-3040 Fax: (031) 420-0430			NOTES:	Project Contact:	_
PROJECT NAME/NUMBER	X			A. F. C.	
Keyspar	<u>319</u>			4x9000	
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DELIVERABLES. Out of the control of	8100	ANALYSIS REQUESTED			
TURNAROUND TIME:	Atal Na		INORG.		
XX 1.00			CCN CAB I.D. NO	NO. REMARKS:	
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+ -31	6 4				
FB	±			7	
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SI-MUTH	I 4 2 2		ð	-40 3-	_
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Bellevi jehed 18 (Stonetine) Date Time Received by: (S	(Signature)	Date Time	LABOR	LABORATORY USE ONLY	
10/24/07 14:08/2em	Des Su	1		Sambles were: 1. Slypped or Hand Delivered Airbits	
Time Received by:	(Signatura)	10 20 (0) 15. (0)	COC Record? Yor N	2. Ambient or chilled, Temp. 3. Received in good condition: Yor N. 4. Proceity preserved: Yor N.	
Carlo Octobro Received by	(Signatura)	Date Time	באלאפוווי		
				1, Present on outer package: Yor N	
Retinquished by: (Signature) Date Time Received by: (Signature)	signature)	Date		COC record present & complete upon sample receipt: Y or N.	
-		-			1

KWHITERSOBS APBIGINAL

PINK COPY - LABORATORY

YELLOW COPY - CLIENT

'H2M LABS, INC.



Sample Receipt Checklist

Client Name KEY-URS			Date and	Time Recei	ive	10/23/2007 3:00:00 PM
Work Order Numbe 0712209			Received	by (CAM	
Checklist completed by Signature	Date	20/0-	Reviewed	by 18	•	102407
Matrix:	Carrier name	Pickup				
Shipping container/cooler in good condition?		Yes 🗹	No 🗌	Not App	licable 🗌	
Custody seals intact on shippping container/cool	er?	Yes 🗌	No 🗆	Not App	licable 🛂	:
Custody seals intact on sample bottles?		Yes 🗌	No 🗌	Not App	licable 🗹	;
Chain of custody present?		Yes 🗹	No 🗌			
Chain of custody signed when relinquished and i	received?	Yes 🗹	No 🗌		ļ	•
Chain of custody agrees with sample labels?		Yes 🗹	No 🗌		İ	:
Samples in proper container/bottle?		Yes 🗹	No 🗌		!	:
Sample containers intact?		Yes 🗹	No 🗌			
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌		:	;
All samples received within holding time?		Yes 🗹	No 🗌		:	· ·
Container/Temp Blank temperature in compliance	ce?	Yes 🗹	No 🗆		:	
Water - VOA vials have zero headspace?	No VOA vials sub	mitted	Yes	$ \mathbf{Z} $	No 🗆	
Water - pH acceptable upon receipt?		Yes 🗹	No 🗆		:	
	Adjusted?	Che	ecked b			·
Any No and/or NA (not applicable) response mu	est be detailed in the	comments section	i be			
Client contacted	Date contacted: _		F	Person con	tacted	
Contacted by:	Regarding		,			
Comments:						
						!
Corrective Action						
						

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILE ORGANICS SAMPLES RECEIVED: 10/23/07 SDG #: KEY-URS005

For Samples:

HIMW-8I FB 102307 HIMW-14I TB 102307 HIMW-15I SB 102307

The above samples were analyzed for a select list of volatile organic analytes in accordance with the NYSDEC ASP, Rev. 2000 by method 8260.

All QC data and calibrations met the requirements of the method, and no problems were encountered with sample analysis. The following should be noted:

- No matrix spike/matrix spike duplicate was submitted. A lab-fortified blank was analyzed indicating good method efficiency.
- 4-bromofluorobenzene had a 33.8 % RSD in the initial calibration of 10/16/07.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: November 12, 2007

Jøann M. Slavin

Senior Vice President

H2M LABS, INC.

SDG NARRATIVE FOR SEMIVOLATILE ANALYSES SAMPLE RECEIVED: 10/23/07 SDG#: KEY-URS005

For Sample:

HIMW-8I HIMW-14I HIMW-15I FB 102307

The above samples were analyzed for the STARS list of semivolatile organic analytes by EPA method 8270C in accordance with NYSDEC ASP 2000 and reported with category B deliverables.

No matrix spike/matrix spike duplicate was submitted. A lab fortified blank was analyzed and indicates good method efficiency.

Benzo(k)fluoranthene had a %RSD greater than 20.5% in the initial calibration.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: November 12, 2007

Joann/M. Slavin Senior Vice President

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab File ID: A\C38033.D DFTPP Injection Date:

10/29/07

Instrument ID: HP5972

DFTPP Injection Time:

10:05

		:1
m/e	TOW ADDRESS OF COLUMN	% RELATIVE
	ION ABUNDANCE CRITERIA	ABUNDANCE
51	30.0 - 60.0% of mass 198	38.4
68	Less than 2.0% of mass 69	0.2 (0.3)1
69	Mass 69 relative abundance	50.5
70	Less than 2.0% of mass 69	0.1 (0.2)1
127	40.0 - 60.0% of mass 198	42.8
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	17.3
365	Greater than 1.0% of mass 198	1.7
441	Present, but less than mass 443	7.4
442	40.0 - 110.0% of mass 198	46.8
443	17.0 - 23.0% of mass 442	8.9 (19.0)2
	17.0 - 23.0% of mass 442	

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

ı	EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01[SSTD025	SSTD025	A\C38034.D	10/29/07	10:20
12	MB-23307	MB-23307	A\C38039.D	10/29/07	13:00
03	LF8-23307	LFB-23307	A\C38040.D	10/29/07	13:32
04	HIMW-8	0712209-001B	A\C38045.D	10/29/07	16:09
)5	HIMW-14I	0712209-002B	A\C38046.D	10/29/07	16:40
16	HIMW-15I	0712209-003B	A\C38047.D	10/29/07	17:12
)7[FB 102307	0712209-004B	A\C38048.D	10/29/07	17:43

7C SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: KEY-URS SAS No.: SEG No.: KEY-URS005 Instrument ID:

HP5972 Calibration Date: 10/29/20 Lab File ID: Time: 10:20

A\C38034.D Init. Calib. Date(s): EPA Sample No.(SSTD050##): 0/23/07 10/23/07

SSTD025 Init. Calib. Times: GC Column: R-5SILMS 30:51 13:29

ID: .25 (mm)

COMPA		(mm)		-			
COMPOUND				MIN		L	
Naphthalene		RRF	RRFS		.		MAX
2-Methylnaphthalene		0.991	1.000		(:	D	₹D
Acenaphthylene		0.608	0.620	0.700		9	25.0
Acenaphthene		1.895	 -		~	0	25.0
Fluorene		1.169	2.025		6	8	25.0
Phenanthrene			1.245	V.000	6	5	25.0
Anthracene		1.275	1.289	000	1		25.0
Fluore-st		1.284	1.346	0.700	4	[
Fluoranthene		1.317	1.407	0.700	6.	I !	25.0
Pyrene		1.203	1.279	0.600		I	25.0
Benzo(a)anthracene	<u> </u>	1.474	1.533	0.600	6.		25.0
hrysene		1.179	1.206		4.(25.0
enzo(b)fluoranthene		1.105	1.156	0.800	2.3	łŢ	25.0
enzo(k)fluoranthene		1.671		0.700	4.6		25.0
enzo(a)pyrene		1.240	1.433	0.700	-14.:	T	25.0
deno(1,2,3-cd)pyrene	·		1.084	0.700	-12.6	!	25.0
benzo(-1.)		1.369	1.091	0.700	-20.3	-	
benzo(a,h)anthracene		1.524	1.242	0.500	-18.5	_	25.0
nzo(g,h,i)perylene		1.225	0.997	0.400		11	25.0
		1.366	1.100	0.500	-18.6	╂╼╁╾	25.0
	_	<u>-</u>		0.500	-19.5	Ιί	25.0

ATTACHMENT B PROPERTIES OF FREE PRODUCT

June 7, 2007

James R Stachowski, P.E. **URS** Corporation 77 Goodell Street Buffalo, NY 14203-1205

Re:

Fluid Properties Data

PTS File No: 37356

Keyspan - Hempstead Int.; 11175065

RECEIVED URS

JUN 2 1 2007

JOB# 11175065,00002

Dear Mr. Stachowski:

Please find enclosed Fluid Properties data from analyses conducted upon NAPL's received from your Keyspan - Hempstead Int.; 11175065 project. All analyses were performed by applicable ASTM, EPA, or API methodologies. An electronic version of the report has previously been sent to your attention. The remaining fluids are currently in storage and will be retained for 30 days past completion of testing Please note that the fluids will be disposed of at that time.

PTS Laboratories appreciates the opportunity to be of service. If you have any questions or require additional information, please give me a call at (562) 907-3607.

Sincerely,

PTS Laboratories, Inc.

Michael Mark Brady, P.G.

Project Manager

Encl.

PTS File No: Client:

37356

URS Corporation

VISCOSITY, DENSITY, and SPECIFIC GRAVITY DATA (METHODOLOGY: ASTM D445, ASTM D1481, API RP40)

PROJECT NAME:

Keyspan - Hempstead Int.

PROJECT NO:

11175065

SAMPLE	MATRIX	TEMPERATURE,	SPECIFIC	DENSITY,	VISCOSITY	
ID			GRAVITY	g/cc	centistokes	centipoise
HIMW-6S (DNAPL)	DNAPL	70	4.050	4 057	70.0	
Tilletve-03 (DIVAFE)	DIVAPL	100	1.059	1.057	78.9	83.4
		130	1.058	1.050	28.5	29.9
		130	1.057	1.042	14.0	14.6
HIMW-7S (DNAPL)	DNAPL	70	1.068	1.065	116	124
		100	1.065	1.058	39.3	41.6
		130	1.063	1.048	17.9	18.7
HIMW-17S (DNAPL)	DNAPL	70	1.043	1.041	56.2	50 F
timite-110 (Bit-11 E)	DIVALE	100	1.043	1.033	22.6	58.5
		130	1.038	1.033		23.4
		130	1.036	1.024	11.1	11.4
HIMW-1S (DNAPL)	DNAPL	70	1.029	1.027	28.5	29.3
		100	1.025	1.018	13.4	13.6
		130	1.018	1.004	7.51	7.53
HIMW-1S (LNAPL)	LNAPL	70	0.9541 -	0.9521	14.3	13.6
		100	0.9482	0.9416	7.77	7.32
		130	0.9408	0.9276	4.84	4.49
HIMW-18S (DNAPL)	DNAPL	70	1.057	1.054	169	470
········		100	1.052	1.045	55,2	178
		130	1.047	1.032	23.8	57.7
		100	1.047	1.032	23.0	24.6
PZ-08 (DNAPL)	DNAPL	70	1.082	1.079	103	111
		100	1.078	1.071	35.1	37.5
		130	1.075	1.059	17.5	18.5
HIMW-19S (DNAPL)	DNAPL	70	1.072	1.070	52.2	55.8
(J. 11 1 2)		100	1.063	1.056	18.9	19.9
		130	1.060	1.045	11.1	11.6
HIMW-16I (DNAPL)	DNAPL	70	4.070	4.674		
I HALLA LOI (DIAMET)	DINAPL	70 400	1.073	1.071	96.1	103
		100	1.065	1.058	33.5	35.4
		130	1.062	1.047	16.2	17.0
HIMW-16S (DNAPL)	DNAPL	70	1.061	1.059	60.4	64.0
	4.	100	1.057	1.050	23.1	24.2
	7 (0 1)	130	1.054	1.039	12.1	12.5

PTS File No: Client;

37356

URS Corporation

VISCOSITY, DENSITY, and SPECIFIC GRAVITY DATA

(METHODOLOGY: ASTM D445, ASTM D1481, API RP40)

PROJECT NAME:

Keyspan - Hempstead Int.

PROJECT NO:

11175065

			-			
SAMPLE	MATRIX	TEMPERATURE,	SPECIFIC	DENSITY,	VISCO	SITY
ID ID	, was considered	°F	GRAVITY	/g/ec/	centistokes	centipoise
HIMW-6S (DNAPL)	DNAPL	. 55	10727	1.0721	322	346
HIMW-7S (DNAPL)	DNAPL	55	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1.0797	375	405
HIMW-17S (DNAPL)	DNAPL	55	1.0565	1.0559	150	158
HIMW-1S (DNAPL)	DNAPL	55	1.0394	1.0388	65.5	68.0
HIMW-18S (DNAPL)	DNAPL	\searrow_{55}	1.0645	1.0639	844	898
PZ-08 (DNAPL)	DNAPL	53	1.0953	1.0946	424	464
HIMW-19S (DNAPL)	DNAPL	55	1.0836	1.0830	134	. 145
HIMW-16I (DNAPL)	DWAPL	55	1.0807	1.0800	346	373
HIMW-16S (DNAPL)	DNAPL	55	1.0782	1.0776	258	278
	~					

INTEGRATED ANALYTICAL LABORATORIES, LLC.

GC FINGERPRINT ANALYSIS

Client/Project: URS Corp/Keyspan - Hempstead

Date Received: 4/17/07 Date Analyzed: 4/20/07

Lab ID

Client ID

RESULTS

03728-008

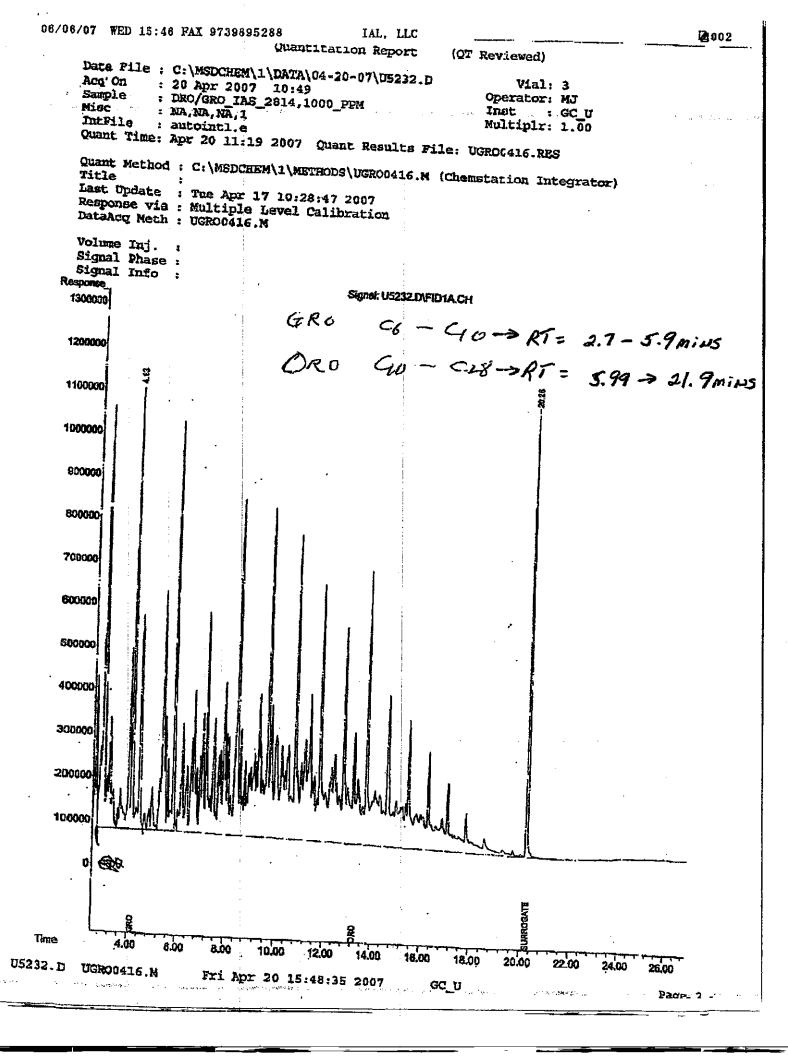
HIMW-11S

This sample closely approximates but is not an exact match of Fuel Oil Standard #2. Variations in the sample as compared to the standards may be attributed to weathering, evaporation, contamination and or degradation.

16612 PUR 11-14-07 (VIL e-MAI)

mil Project | KeySpan | fing spent analysis (4-17-07), pdf

Quantitation Report (QT Reviewed) Data File : C:\MSDCHEM\1\DATA\04-20-07\U5233.D Vial: 7 Acq On : 20 Apr 2007 11:22 Sample : HIMW-11S,03728-008,A,500m1,100,04/19/07, Inst : GC U Misc : URS-WAYNE/KEYSPAN ,04/17/07,04/17/07,10 Multiplr: 1.00 : autointle Quant Time: Apr 20 13:08 2007 Quant Results File: UGR00416.RES Quant Method : C:\MSDCHEM\1\METHODS\UGRO0416.M (Chemstation Integrator) Last Update : Tue Apr 17 10:28:47 2007 Response via : Multiple Level Calibration DataAcq Meth : UGRO0416.M Volume Inj. Signal Phase : Signal Info Response 16000007 Signal: U5233.D\FID1A.CH 1500000 1400000 1360000 1200000 1100000 1000000 900000 800000 700000 600000 500000 400000 300000 200000 100000 DR9 G (lo Time 4.00 6.00 8.00 10:00 12.00 14.00 16.00 18.00 20.00 24.00 26.00 U5233,D UGRO0416.M Fri Apr 20 15:48:47 2007 Page 0090



Quantitation Report (QT Reviewed) Data File : C:\MSDCHEM\1\DATA\04-20-07\U5232.D : 20 Apr 2007 10:49 : DRO/GRO_IAS_2814,1000_PPM Vial: 3 Acq On Operator: MJ Sample Inst : GC_U Misc : NA, NA, NĀ, 1 Multiplr: 1.00 IntFile : autointl.e Quant Time: Apr 20 11:19 2007 Quant Results File: UGRO0416.RES Quant Method : C:\MSDCHEM\1\MBTHODS\UGRO0416.M (Chemstation Integrator) Last Update : Tue Apr 17 10:28:47 2007 Response via : Multiple Level Calibration DataAcq Meth : UGRO0416.M Volume Inj. Signal Phase : Signal Info : Response Signal: U5232.D\FID1A.CH 1300000 1200000 1100000 1000000 900000 800000i 700000 600000 500000 400000 300000 200000 100000 4.00 6.00 10.00 12.00 14.00 16.00 18:00 20.00 22.00 24.00 26.00 U5232.D UGRO0416.M Fri Apr 20 15:48:35 2007 GC_U Page 0092

2.76

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\04-20-07\U5232.D

Acq On : 20 Apr 2007 10:49
Sample : DRO/GRO_IAS_2814,1000_PPM
Misc : NA,NA,NA,1
IntFile : autointl.e

Quant Time: Apr 20 11:17:05 2007 Quant Results File: UGRO0416.RES

Quant Method : C:\MSDCHEM\1\METHODS\UGRO0416.M (Chemstation Integrator)

Title

Last Update : Tue Apr 17 10:28:47 2007

Response via : Initial Calibration

DataAcq Meth : UGRO0416.M

Volume Inj. : Signal Phase : Signal Info :

> Compound R.T.

Response Conc Units

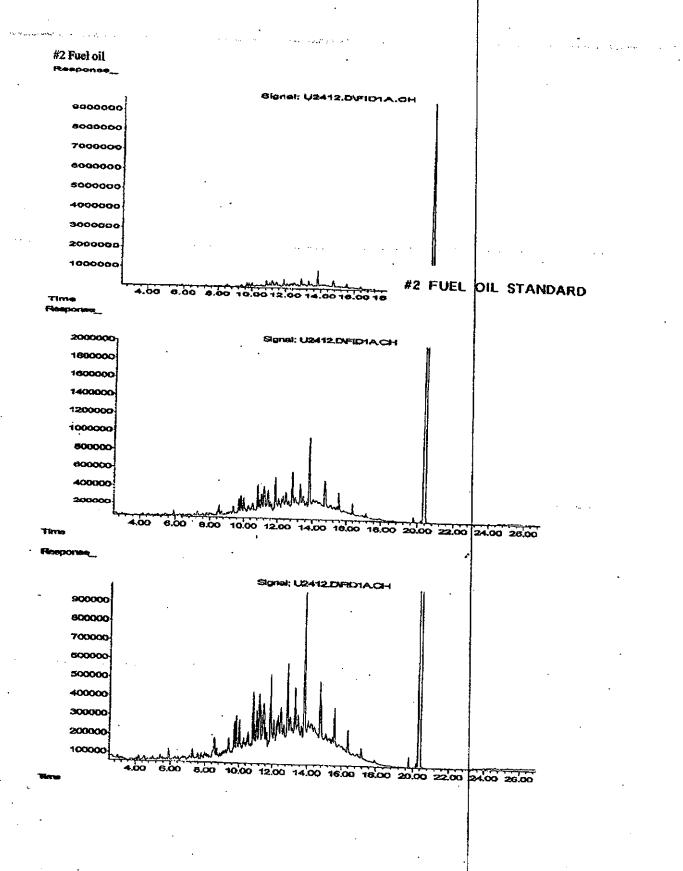
Vial: 3 Operator: MJ Inst : GC_U Multiplr: $1.\overline{00}$

System Monitoring Compounds 1) S SURROGATE

20.27£ 33690317 95.006 ng Spiked Amount 100.000 Recovery = 95.01%

Target Compounds

2) H GRO 4.15 267677974 1032.593 ng 3) H DRO 13.28 917792592 1106.999 ng



Face # (973) 341-4243 Face # (973) 989-4248

INTEGRATED ANALYTICAL LABORATORIES CHAIN OF CUSTONY

		CITATIVA OF CUSTODY		
((S / Q) K	KI PORTING INFO	The section of the contract of	Randolph, PC 67869	6386
Carper URS CORPORITION	REPORT TO:	Tab modification to	tb > 5PM)	
Adams 201 Well Willem	Address:	GUARANTEED WITHOUT LAB APPROVAL, RUSH SURCHARGES WITH A PRIVATE AND A COLOR	ie arrival, RUS <u>U TAT IS NOT</u>	0.00 0.107
Whyse A) Oreru		ACCUMMODATE**	EMA	7, 42, 17 7, 42, 17 1, 43, 17
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Project Manager M. NE AVERCEPES	INVOICE TO:		Reduced	SRP.wtl former
Sample: TT /IT M/ HOS/A!	Address		(Regulator)	lab approved custom
Frotest Name: KEYSOBY HERIETES		Brown 2	-	700 0
Project Location (State): NY		ļ	CA. A NO.	NO ENSINCED REGID
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		30		
	WW-Dishine Water A. A. Annexes and W. W.		#BOTTLES &	3
AMPLE INFORMATION	Ol. Of Life Light (Sparity), OT. Other (Sparity)	181 141	FRESERVATIVES	Z Z
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HIMM-607	Total Control of the	6	POPE BINOS BINOS BINOS BINOS BINOS	364 364 200
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are print tegroly and fitt out completely. Samp	use print tegroly and ful out completely. Samples cannot be processed and the turnaryund time.			

thme will not start until any MDL Rey. Old GWQS - 11/05 GWQS - SCC - OTHER (SFE COMMENTS) ambiguities have been resolved.

		A 1 M			Lab Care 4	02.00
	Signatura/Company	117.107 1445 Remind to B. d.M. 120	Chillian Sammer	Seculad by:	Bereived by:	Pentre II:
, Signature/Company		WHILLIAM ALLOCAL	Residenty Sale Married	Refrequenched by:	Refinquished by:	Rechested by:

05/2006

design of capabless