ATTACHMENT A
DATA USABILITY SUMMARY REPORT
FOURTH QUARTER 2010

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

Analyses Performed by:
H2M LABORATORIES, INC.

Prepared For:

NATIONAL GRID
175 EAST OLD COUNTRY RD.
HICKSVILLE, NY 11801

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

FEBRUARY 2011

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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 *DER-10, Technical Guidance for Site Investigation and Remediation, Appendix 2B - Guidance for Data Deliverables and Development of Data Usability Summary Reports*, May 2010.

Analytical data for twenty-one (21) groundwater samples, one (1) field duplicate, one (1) matrix spike/matrix spike duplicate (MS/MSD) pair, and three (3) trip blanks collected by URS personnel from October 21 to 28, 2010 are discussed in this DUSR. The samples were collected as part of the 2010 fourth quarter 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
- Polynuclear 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,* August 2008; and

- *Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D, SOP HW-22, Rev. 4*, August 2008.

The limited data validation included a review of completeness of all required deliverables; holding times; quality control (QC) results (instrument tunes, calibration standards, blanks, matrix spike recoveries, field duplicate analyses, laboratory control sample recoveries, and surrogate/internal standard 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 during the data validation process include '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. Copies of the chain-of-custodies, case narratives, and documentation supporting the qualification of data are 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. SAMPLE RECEIPT/HOLDING TIMES

All samples were received by the laboratory intact, properly preserved, and under proper chain-of-custody (COC), except for the following instances.

- The cooler temperatures associated with samples collected from October 25 to 28, 2010 (i.e., 9-10°C) were above QC limits (i.e., 4°C ± 2°C). No qualification of the data was necessary, per USEPA Region II validation guidelines, since the cooler temperatures were less than or equal to 10°C.

All samples were analyzed within the required holding times.

V. NON-CONFORMANCES

For PAH analyses, the percent differences (%Ds) between the initial calibration (ICAL) average relative response factors (RRFs) and the RRFs in the continuing calibration (CCAL) standards were greater than 20.0% for benzo(k)fluoranthene. The following PAH results were qualified 'UJ'.

Sample ID	Affected Compound
HIMW-05D, -05I, -08D, -12D, -12I, -12S, -13D, -13I, -13S, -14D, -14I, -15D, -15I, -20I, -20I-Dup, -20S,	Benzo(k)fluoranthene

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. BTEX and PAH results detected below the quantitation limits were qualified 'J' by the laboratory. The results reported from secondary dilution analyses were qualified 'D' by the laboratory.

A field duplicate was collected from monitoring well location HIMW-20I, which exhibited good field and analytical precision.

VIII. SUMMARY

All sample analyses were found to be compliant with the method and validation criteria, and the data are usable as reported, except for those results qualified 'UJ', which should be considered conditionally usable. URS does not recommend the re-collection of any samples at this time.

Prepared By: _____ **Date:** 2/8/11

Peter R. Fairbanks, Senior Chemist

Reviewed By: _____ **Date:** 2/9/11

George E. Kisluk, Senior Chemist

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.

TABLE A-1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
NATIONAL GRID - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE

Location ID			HIMW-003D	HIMW-003I	HIMW-003S	HIMW-005D	HIMW-005I
Sample ID			HIMW-3D	HIMW-3I	HIMW-3S	HIMW-5D	HIMW-5I
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/10	10/27/10	10/28/10	10/26/10	10/26/10
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Benzene	UG/L	-	1 U	1 U	1 U	1 U	3
Ethylbenzene	UG/L	-	1 U	1 U	1 U	1 U	1
Toluene	UG/L	-	1 U	1 U	1 U	6	1 U
Xylene (total)	UG/L	-	1 U	1 U	1 U	210	150
Total BTEX	UG/L	100	ND	ND	ND	216	154
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	-	10 U	10 U	10 U	270 D	560 D
Acenaphthene	UG/L	-	10 U	10 U	10 U	4 J	16
Acenaphthylene	UG/L	-	10 U	10 U	10 U	51	230 DJ
Anthracene	UG/L	-	10 U	10 U	10 U	10 U	3 J
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 UJ	10 UJ
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	3 J	23
Indeno(1,2,3-cd)pyrene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	-	10 U	10 U	10 U	1,400 D	2,300 D
Phenanthrene	UG/L	-	10 U	10 U	10 U	10 U	20
Pyrene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	100	ND	ND	ND	1,728	3,152

*Criteria- Goundwater Plume Delineation/Design Criteria, Pre-Design Investigation Work Plan for In-Situ Solidification for the Hempstead Intersection Street Former MGP Site, Appendix E, Final, URS 2008.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

D - Result reported from a secondary dilution analysis.

Made By_PRF 01/27/11_; Checked By_AMK 01/27/11_

Detection Limits shown are PQL

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[SDG] = 'KEY-URS104' AND [MATRIX] = 'WG'

TABLE A-1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
NATIONAL GRID - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE

Location ID			HIMW-005S	HIMW-008D	HIMW-008I	HIMW-008S	HIMW-012D
Sample ID			HIMW-5S	HIMW-8D	HIMW-8I	HIMW-8S	HIMW-12D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/27/10	10/26/10	10/28/10	10/28/10	10/25/10
Parameter	Units	Criteria*					
Volatile Organic Compounds							
Benzene	UG/L	-	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	UG/L	-	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	-	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	-	1 U	1 U	1 U	1 U	1 U
Total BTEX	UG/L	100	ND	ND	ND	ND	ND
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	1 J	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 U	10 U
Benzo(k)fluoranthene	UG/L	-	10 U	10 UJ	10 U	10 U	10 UJ
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 U	10 U	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
Total Polynuclear Aromatic Hydrocarbons	UG/L	100	ND	ND	ND	1	ND

*Criteria- Goundwater Plume Delineation/Design Criteria, Pre-Design Investigation Work Plan for In-Situ Solidification for the Hempstead Intersection Street Former MGP Site, Appendix E, Final, URS 2008.

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TABLE A-1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
NATIONAL GRID - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE

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 (ft)			-	-	-	-	-
Date Sampled			10/25/10	10/25/10	10/21/10	10/21/10	10/22/10
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Benzene	UG/L	-	48	1 U	4	96	1 U
Ethylbenzene	UG/L	-	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	-	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	-	4	6	2	7	1 U
Total BTEX	UG/L	100	52	6	6	103	ND
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Acenaphthene	UG/L	-	40	10 U	6 J	11	10 U
Acenaphthylene	UG/L	-	43	10 U	13	90 D	10 U
Anthracene	UG/L	-	10 U	10 U	10 U	2 J	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 UJ	10 UJ	10 UJ	10 UJ	10 UJ
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	-	25	10 U	10 U	15	10 U
Indeno(1,2,3-cd)pyrene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	-	2 J	10 U	10 U	1 J	10 U
Phenanthrene	UG/L	-	8 J	10 U	10 U	14	10 U
Pyrene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	100	118	ND	19	133	ND

*Criteria- Goundwater Plume Delineation/Design Criteria, Pre-Design Investigation Work Plan for In-Situ Solidification for the Hempstead Intersection Street Former MGP Site, Appendix E, Final, URS 2008.

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Made By_PRF 01/27/11_; Checked By_AMK 01/27/11_

Detection Limits shown are PQL

TABLE A-1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
NATIONAL GRID - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE

Location ID			HIMW-014D	HIMW-014I	HIMW-015D	HIMW-015I	HIMW-020I
Sample ID			HIMW-14D	HIMW-14I	HIMW-15D	HIMW-15I	DUP-102510
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			10/21/10	10/21/10	10/22/10	10/22/10	10/25/10
Parameter	Units	Criteria*					Field Duplicate (1-1)
Volatile Organic Compounds							
Benzene	UG/L	-	1 U	19	1 U	22	47
Ethylbenzene	UG/L	-	1 U	2	1 U	1 U	3
Toluene	UG/L	-	1 U	1 U	1 U	1 U	2
Xylene (total)	UG/L	-	1 U	3	1 U	2	130
Total BTEX	UG/L	100	ND	24	ND	24	182
Semivolatile Organic Compounds							
2-Methylnaphthalene	UG/L	-	10 U	10 U	10 U	10 U	26
Acenaphthene	UG/L	-	10 U	15	10 U	6 J	16
Acenaphthylene	UG/L	-	10 U	21	10 U	24	210 D
Anthracene	UG/L	-	10 U	10 U	10 U	10 U	4 J
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 UJ	10 UJ	10 UJ	10 UJ	10 UJ
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	8 J	10 U	10 U	34
Indeno(1,2,3-cd)pyrene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Naphthalene	UG/L	-	10 U	1 J	10 U	10 U	120 D
Phenanthrene	UG/L	-	10 U	6 J	10 U	10 U	28
Pyrene	UG/L	-	10 U	10 U	10 U	10 U	10 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	100	ND	51	ND	30	438

*Criteria- Goundwater Plume Delineation/Design Criteria, Pre-Design Investigation Work Plan for In-Situ Solidification for the Hempstead Intersection Street Former MGP Site, Appendix E, Final, URS 2008.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

D - Result reported from a secondary dilution analysis.

Made By_PRF 01/27/11_; Checked By_AMK 01/27/11_

Detection Limits shown are PQL

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TABLE A-1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
NATIONAL GRID - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE

Location ID			HIMW-020I	HIMW-020S
Sample ID			HIMW-20I	HIMW-20S
Matrix			Groundwater	Groundwater
Depth Interval (ft)			-	-
Date Sampled			10/25/10	10/26/10
Parameter	**Units**	**Criteria***		
Volatile Organic Compounds				
Benzene	UG/L	-	46	1 U
Ethylbenzene	UG/L	-	3	1 U
Toluene	UG/L	-	2	1 U
Xylene (total)	UG/L	-	130	1 U
Total BTEX	UG/L	100	181	ND
Semivolatile Organic Compounds				
2-Methylnaphthalene	UG/L	-	26	10 U
Acenaphthene	UG/L	-	16	10 U
Acenaphthylene	UG/L	-	200 D	10 U
Anthracene	UG/L	-	4 J	10 U
Benzo(a)anthracene	UG/L	-	10 U	10 U
Benzo(a)pyrene	UG/L	-	10 U	10 U
Benzo(b)fluoranthene	UG/L	-	10 U	10 U
Benzo(g,h,i)perylene	UG/L	-	10 U	10 U
Benzo(k)fluoranthene	UG/L	-	10 UJ	10 UJ
Chrysene	UG/L	-	10 U	10 U
Dibenz(a,h)anthracene	UG/L	-	10 U	10 U
Fluoranthene	UG/L	-	10 U	10 U
Fluorene	UG/L	-	34	10 U
Indeno(1,2,3-cd)pyrene	UG/L	-	10 U	10 U
Naphthalene	UG/L	-	110 D	10 U
Phenanthrene	UG/L	-	29	10 U
Pyrene	UG/L	-	10 U	10 U
Total Polynuclear Aromatic Hydrocarbons	UG/L	100	419	ND

*Criteria- Goundwater Plume Delineation/Design Criteria, Pre-Design Investigation Work Plan for In-Situ Solidification for the Hempstead Intersection Street Former MGP Site, Appendix E, Final, URS 2008.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit. J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

D - Result reported from a secondary dilution analysis.

Made By_PRF 01/27/11_; Checked By_AMK 01/27/11_

Detection Limits shown are PQL

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TABLE A-2
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
NATIONAL GRID - HEMPSTEAD INTERSECTION STREET FORMER MGP SITE

Location ID			FIELDQC	FIELDQC	FIELDQC
Sample ID			TB 102110	TB-102510	TB-102710
Matrix			Water Quality	Water Quality	Water Quality
Depth Interval (ft)			-	-	-
Date Sampled			10/21/10	10/25/10	10/27/10
Parameter	Units	Criteria*	Trip Blank (1-1)	Trip Blank (1-1)	Trip Blank (1-1)
Volatile Organic Compounds					
Benzene	UG/L	-	1 U	1 U	1 U
Ethylbenzene	UG/L	-	1 U	1 U	1 U
Toluene	UG/L	-	1 U	1 U	1 U
Xylene (total)	UG/L	-	1 U	1 U	1 U
Total BTEX	UG/L	100	ND	ND	ND

*Criteria- Goundwater Plume Delineation/Design Criteria, Pre-Design Investigation Work Plan for In-Situ Solidification for the Hempstead Intersection Street Former MGP Site, Appendix E, Final, URS 2008.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit.

Made By_PRF 01/27/11_; Checked By_AMK 01/27/11_

Detection Limits shown are PQL

APPENDIX A

VALIDATED FORM 1'S

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-13I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0423.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	96	
108-88-3	Toluene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylene (total)	7	

KEY-URS104 S31

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-13D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0424.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S32

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-13S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0425.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S33

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-14D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-004A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0426.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S34

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-14I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-005A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0427.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	19	
108-88-3	Toluene	1	U
100-41-4	Ethylbenzene	2	
1330-20-7	Xylene (total)	3	

KEY-URS104 S35

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-15D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-006A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0428.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S36

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-15I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-007A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0429.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	22	
108-88-3	Toluene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylene (total)	2	

KEY-URS104 S37

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB 102110

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-008A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0418.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: not dec. Date Analyzed: 10/25/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S38

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-5D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0437.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	1	U
108-88-3	Toluene	6	
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylene (total)	210	

KEY-URS104 S39

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-5I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0438.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	3	
108-88-3	Toluene	1	U
100-41-4	Ethylbenzene	1	
1330-20-7	Xylene (total)	150	

KEY-URS104 S40

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-8D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0439.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S41

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-12D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-004A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0440.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S42

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-12I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-005A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0441.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	48	
108-88-3	Toluene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylene (total)	4	

KEY-URS104 S43

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-12S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-006A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0442.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	1	U
108-88-3	Toluene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylene (total)	6	

KEY-URS104 S44

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-20I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-007A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0443.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	46	
108-88-3	Toluene	2	
100-41-4	Ethylbenzene	3	
1330-20-7	Xylene (total)	130	

KEY-URS104 S45

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-20S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-008A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0444.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S46

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP-102510

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-009A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0445.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: not dec. Date Analyzed: 10/26/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
71-43-2	Benzene	47	
108-88-3	Toluene	2	
100-41-4	Ethylbenzene	3	
1330-20-7	Xylene (total)	130	

KEY-URS104 S47

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-102510

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-010A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0447.D

Level: (low/med) LOW Date Received: 10/25/10

% Moisture: not dec. Date Analyzed: 10/27/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S48

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-3D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-001A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0548.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: not dec. Date Analyzed: 11/09/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S49

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-3I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-002A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0549.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: not dec. Date Analyzed: 11/09/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S50

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-3S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-003A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0550.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: not dec. Date Analyzed: 11/09/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S51

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-5S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-004A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0551.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: not dec. Date Analyzed: 11/09/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S52

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-8I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-005A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0552.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: not dec. Date Analyzed: 11/09/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S53

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-8S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-006A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0553.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: not dec. Date Analyzed: 11/09/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S54

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-102710

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-007A

Sample wt/vol: 5 (g/mL) ML Lab File ID: 10\J0547.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: not dec. Date Analyzed: 11/09/10

GC Column: Rtx-624 ID: .18 (mm) Dilution Factor: 1.00

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

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

KEY-URS104 S55

1C

EPA SAMPLE NO.

HIMW-13I

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-001B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1539.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	1	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	~~84~~ 90	~~E~~ D
83-32-9	Acenaphthene	11	
86-73-7	Fluorene	15	
85-01-8	Phenanthrene	14	
120-12-7	Anthracene	2	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	U
207-08-9	Benzo(k)fluoranthene	10	U J
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

1/26/11

1C

EPA SAMPLE NO.

HIMW-13IDL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-001BDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1550.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 2.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	20	U
91-57-6	2-Methylnaphthalene	20	U
208-96-8	Acenaphthylene	90	D
83-32-9	Acenaphthene	11	DJ
86-73-7	Fluorene	16	DJ
85-01-8	Phenanthrene	14	DJ
120-12-7	Anthracene	20	U
206-44-0	Fluoranthene	20	U
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	U
50-32-8	Benzo(a)pyrene	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
53-70-3	Dibenzo(a,h)anthracene	20	U
191-24-2	Benzo(g,h,i)perylene	20	U

(1) Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-13D

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-002B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1540.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	13	
83-32-9	Acenaphthene	6	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 J
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

1/26/11

KEY-URS104 S59

1C

EPA SAMPLE NO.

HIMW-13S

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-003B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1541.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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 J
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

1/26/11

KEY-URS104 S60

1C

EPA SAMPLE NO.

HIMW-14D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-004B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1542.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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 J
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

1/26/11

KEY-URS104 S61

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-14I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-005B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1543.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	1	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	21	
83-32-9	Acenaphthene	15	
86-73-7	Fluorene	8	J
85-01-8	Phenanthrene	6	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	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U J
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

1/26/11

KEY-URS104 S62

1C

EPA SAMPLE NO.

HIMW-15D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-006B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1546.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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 J
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

1/22/11

KEY-URS104 S63

1C

EPA SAMPLE NO.

HIMW-15I

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010820-007B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1547.D

Level: (low/med) LOW Date Received: 10/22/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	24	
83-32-9	Acenaphthene	6	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 J
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

1/26/11

KEY-URS104 S64

1C

EPA SAMPLE NO.

HIMW-5D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-001B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1553.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	~~730~~ 1400	ED
91-57-6	2-Methylnaphthalene	~~220~~ 270	ED
208-96-8	Acenaphthylene	51	
83-32-9	Acenaphthene	4	J
86-73-7	Fluorene	3	J
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 J
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

1/26/11
2

KEY-URS104 S65

1C

EPA SAMPLE NO.

HIMW-5DDL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-001BDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1572.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/31/10

Injection Volume: 2 (µL) Dilution Factor: 20.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	1400	D
91-57-6	2-Methylnaphthalene	270	D
208-96-8	Acenaphthylene	64	DJ
83-32-9	Acenaphthene	200	U
86-73-7	Fluorene	200	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
206-44-0	Fluoranthene	200	U
129-00-0	Pyrene	200	U
56-55-3	Benzo(a)anthracene	200	U
218-01-9	Chrysene	200	U
205-99-2	Benzo(b)fluoranthene	200	U
207-08-9	Benzo(k)fluoranthene	200	U
50-32-8	Benzo(a)pyrene	200	U
193-39-5	Indeno(1,2,3-cd)pyrene	200	U
53-70-3	Dibenzo(a,h)anthracene	200	U
191-24-2	Benzo(g,h,i)perylene	200	U

(1) Cannot be separated from Diphenylamine

1/26/11

KEY-URS104 S66

1C

EPA SAMPLE NO.

HIMW-5I

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-002B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1554.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	~~1200~~ 2300	~~E~~ D (1)
91-57-6	2-Methylnaphthalene	~~460~~ 560	~~E~~ D
208-96-8	Acenaphthylene	~~160~~ 230	~~E~~ D J
83-32-9	Acenaphthene	16	
86-73-7	Fluorene	23	
85-01-8	Phenanthrene	20	
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	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U J
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

1/26/11

1C

EPA SAMPLE NO.

HIMW-5IDL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-002BDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1573.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/31/10

Injection Volume: 2 (µL) Dilution Factor: 50.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	2300	D
91-57-6	2-Methylnaphthalene	560	D
208-96-8	Acenaphthylene	230	DJ
83-32-9	Acenaphthene	500	U
86-73-7	Fluorene	500	U
85-01-8	Phenanthrene	500	U
120-12-7	Anthracene	500	U
206-44-0	Fluoranthene	500	U
129-00-0	Pyrene	500	U
56-55-3	Benzo(a)anthracene	500	U
218-01-9	Chrysene	500	U
205-99-2	Benzo(b)fluoranthene	500	U
207-08-9	Benzo(k)fluoranthene	500	U
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	U
191-24-2	Benzo(g,h,i)perylene	500	U

(1) Cannot be separated from Diphenylamine

1/26/11

1C

EPA SAMPLE NO.

HIMW-8D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-003B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1555.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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 J
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

1/26/11

KEY-URS104 S69

1C

EPA SAMPLE NO.

HIMW-12D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-004B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1556.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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 J
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

1/26/11

KEY-URS104 S70

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-12I

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-005B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1557.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	2	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	43	
83-32-9	Acenaphthene	40	
86-73-7	Fluorene	25	
85-01-8	Phenanthrene	8	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	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U J
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

1/26/11

KEY-URS104 S71

1C

EPA SAMPLE NO.

HIMW-12S

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-006B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1558.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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 J
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

1/26/11

KEY-URS104 S72

1C

EPA SAMPLE NO.

HIMW-20I

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-007B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1559.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	~~87~~ 110	E D
91-57-6	2-Methylnaphthalene	26	
208-96-8	Acenaphthylene	~~150~~ 200	E D
83-32-9	Acenaphthene	16	
86-73-7	Fluorene	34	
85-01-8	Phenanthrene	29	
120-12-7	Anthracene	4	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	U
207-08-9	Benzo(k)fluoranthene	10	U J
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

1/26/4

1C

EPA SAMPLE NO.

HIMW-20IDL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-007BDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1574.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/31/10

Injection Volume: 2 (µL) Dilution Factor: 5.00

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	110	D
91-57-6	2-Methylnaphthalene	30	DJ
208-96-8	Acenaphthylene	200	D
83-32-9	Acenaphthene	17	DJ
86-73-7	Fluorene	37	DJ
85-01-8	Phenanthrene	31	DJ
120-12-7	Anthracene	50	U
206-44-0	Fluoranthene	50	U
129-00-0	Pyrene	50	U
56-55-3	Benzo(a)anthracene	50	U
218-01-9	Chrysene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
50-32-8	Benzo(a)pyrene	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
53-70-3	Dibenzo(a,h)anthracene	50	U
191-24-2	Benzo(g,h,i)perylene	50	U

(1) Cannot be separated from Diphenylamine

1/26/11

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-20S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-008B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1560.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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 J
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

1/26/11

KEY-URS104 S75

1C

EPA SAMPLE NO.

DUP-102510

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-009B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1561.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/29/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
91-20-3	Naphthalene	~~85~~ 120	~~E~~ D
91-57-6	2-Methylnaphthalene	26	
208-96-8	Acenaphthylene	~~150~~ 210	~~E~~ D
83-32-9	Acenaphthene	16	
86-73-7	Fluorene	34	
85-01-8	Phenanthrene	28	
120-12-7	Anthracene	4	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	U
207-08-9	Benzo(k)fluoranthene	10	U J
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

1/26/11

KEY-URS104 S76

1C

EPA SAMPLE NO.

DUP-102510DL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010958-009BDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 10\R1575.D

Level: (low/med) LOW Date Received: 10/26/10

% Moisture: Decanted: (Y/N) N Date Extracted: 10/28/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 10/31/10

Injection Volume: 2 (µL) Dilution Factor: 5.00

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	120	D
91-57-6	2-Methylnaphthalene	32	DJ
208-96-8	Acenaphthylene	210	D
83-32-9	Acenaphthene	19	DJ
86-73-7	Fluorene	41	DJ
85-01-8	Phenanthrene	33	DJ
120-12-7	Anthracene	50	U
206-44-0	Fluoranthene	50	U
129-00-0	Pyrene	50	U
56-55-3	Benzo(a)anthracene	50	U
218-01-9	Chrysene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
50-32-8	Benzo(a)pyrene	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
53-70-3	Dibenzo(a,h)anthracene	50	U
191-24-2	Benzo(g,h,i)perylene	50	U

(1) Cannot be separated from Diphenylamine

1/26/11

KEY-URS104 S77

1C

EPA SAMPLE NO.

HIMW-3D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-001B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C56695.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: Decanted: (Y/N) N Date Extracted: 11/01/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 11/04/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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	U

(1) Cannot be separated from Diphenylamine

1C

EPA SAMPLE NO.

HIMW-3I

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-002B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C56696.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: Decanted: (Y/N) N Date Extracted: 11/01/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 11/04/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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	U

(1) Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIMW-3S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-003B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C56697.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: Decanted: (Y/N) N Date Extracted: 11/01/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 11/04/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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	U

(1) Cannot be separated from Diphenylamine

1C

EPA SAMPLE NO.

HIMW-5S

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-004B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C56698.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: Decanted: (Y/N) N Date Extracted: 11/01/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 11/04/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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	U

(1) Cannot be separated from Diphenylamine

1C

EPA SAMPLE NO.

HIMW-8I

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-005B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C56699.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: Decanted: (Y/N) N Date Extracted: 11/01/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 11/04/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	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	U

(1) Cannot be separated from Diphenylamine

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

HIMW-8S

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Matrix: (soil/water) WATER Lab Sample ID: 1010A20-006B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: A\C56700.D

Level: (low/med) LOW Date Received: 10/28/10

% Moisture: Decanted: (Y/N) N Date Extracted: 11/01/10

Concentrated Extract Volume: 1000 (µL) Date Analyzed: 11/04/10

Injection Volume: 2 (µL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	1	J
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	U

(1) Cannot be separated from Diphenylamine

APPENDIX B

SUPPORT DOCUMENTATION

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (631) 694-3040 Fax: (631) 420-8436

55052

EXTERNAL CHAIN OF CUSTODY

KEY-URS104

CLIENT: URS | **H2M SDG NO:** ~~URS125~~

PROJECT NAME/NUMBER: National Grid - MGP

SAMPLERS: (signature)/Client: URS

DELIVERABLES: Full Cat B

TURNAROUND TIME: Stnd

NOTES:

Project Contact: Peter Fairbanks

Phone Number: 716 856 56360

PIS/Quote #

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	ANALYSIS REQUESTED: ORGANIC BTEX VOA	ORGANIC TICs VOA	ORGANIC PAH/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
10/22/10	1345	GW	HIMW-13S	4	X	X				1010820-003	
10/21/10	1400		HIMW-13I	4	X	X				-002 001	
10/21/10	1245		HIMW-13D	4	X	X				-001 002	
10/21/10	1100		HIMW-14I	4	X	X				-005	
10/21/10	950		HIMW-14D	4	X	X				-004	
10/22/10	1015		HIMW-15I	4	X	X				-007	
10/22/10	0830		HIMW-15D	4	X	X				-006	
10/22/10	~~1030~~ 1015	↓	HIMW-15I MS/MSD	8	X	X				-007	
10/22/10	950	DI	TB102110	2	X					-008	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
URS	10/22/10	1405		10/22/10	14:05
	10/22/10	14:50		102210	1450

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ✓ Airbill# ___
2. Ambient or chilled, Temp. 3°C on ice
3. Received in good condition: (Y) or N
4. Properly preserved: (Y) or N

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

WHITE COPY - ORIGINAL KEY-URS104 33 | YELLOW COPY - CLIENT | PINK COPY - LABORATORY

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (631) 694-3040 Fax: (631) 420-8436

55656

EXTERNAL CHAIN OF CUSTODY

CLIENT: URS | **H2M SDG NO:** KEY-UR5104

PROJECT NAME/NUMBER: National Grid – Hempstead MGP
11176098

SAMPLERS: (signature)/Client: [signature] / URS

DELIVERABLES: Full Cat B

TURNAROUND TIME: Stnd

NOTES:

Project Contact: Peter Fairbanks
Phone Number: 716 856 5636
PIS/Quote #

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 40-ml Amber HCl	1-L Amber Glass	ANALYSIS REQUESTED: ORGANIC BTEX VOA	PAH's BNA's	PEST PCB	INORG. Metal	CN	LAB I.D. NO.	REMARKS:
10/24/10	815	GW	HIMW-5I	4	✓	✓						1010958-002	
↓	715		HIMW-5D									-001	
10/25/10	1155		HIMW-12S									~~-005~~	-006
↓	1040		HIMW-12I									~~-004~~	-005
↓	0900		HIMW-12D									~~-003~~	-004
10/26/10	1005		HIMW-20S									~~-007~~	-008
10/25/10	1400	↓	HIMW-20I									~~-006~~	-007
10/25/10	1200	GW	Dup-102510	↓								-009	
10/26/10	1150	GW	HIMW-8D	4	↓	↓						-003	
10/25/10		DI	TB	3	✓							-010	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/25/10	1352	[signature]	10/25/10	1352
[signature]	10/26/10	1415	[signature]	10-26-10	1645

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ✓ Airbill# _____
2. Ambient or chilled, Temp. 4°C / 10°C ice
3. Received in good condition: Y or N
4. Properly preserved: Y or N

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

WHITE COPY - ORIGINAL KEY-UR5104 SDG

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

H2M labs

H2M LABS INC
575 Broad Hollow Road
Melville, NY 11747
TEL: 631-694-3040 FAX: 631-420-8436
Website: www.h2mlabs.com

Key-URS104

Sample Receipt Checklist

Client Name: KEY-URS | Date and Time Received: 10/26/2010 4:45:00 PM

Work Order Number 1010958 | RcptNo: 1 | Received by: MelissaWatson

Completed by: M. Watt | Reviewed by: JSA

Completed Date: 10-26-10 | Reviewed Date: 10/28/10

Carrier name: H2M Pickup

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 ☐	
Are matrices correctly identified on Chain of custody?	Yes ☑	No ☐	
Is it clear what analyses were requested?	Yes ☑	No ☐	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Samples in proper container/bottle?	Yes ☑	No ☐	
Were correct preservatives used and noted?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
Were container lables complete (ID, Pres, Date)?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Was an attempt made to cool the samples?	Yes ☑	No ☐	
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☐	No ☑	
Response when temperature is outside of range:			
Preservative added to bottles:			
Sample Temp. taken and recorded upon receipt?	Yes ☑	No ☐	4 To 10°
Water - Were bubbles absent in VOC vials?	Yes ☑	No ☐	No Vials ☐
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	No Water ☐
Are Samples considered acceptable?	Yes ☑	No ☐	
Custody Seals present?	Yes ☐	No ☑	
Traffic Report or Packing Lists present?	Yes ☐	No ☑	
Airbill or Sticker?	Air Bill ☐	Sticker ☐	Not Present ☑
Airbill No:			
Sample Tags Present?	Yes ☐	No ☑	
Sample Tags Listed on COC?	Yes ☐	No ☑	
Tag Numbers:			
Sample Condition?	Intact ☑	Broken ☐	Leaking ☐

Case Number: | SDG: KEY-URS104 | SAS:

Adjusted? _____ Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section below.

KEY-URS104 S11

H2M labs

H2M LABS INC
575 Broad Hollow Road
Melville, NY 11747
TEL: 631-694-3040 FAX: 631-420-8436
Website: www.h2mlabs.com

Sample Receipt Checklist

Client Contacted? ☑ Yes ☐ No Person Contacted:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

CorrectiveAction:

Comments:
There was ice present in the coolers, but one cooler was greater than 6 degrees celcius.

KEY-URS104 S12

H2M LABS, INC.

35655

EXTERNAL CHAIN OF CUSTODY

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (631) 694-3040 Fax: (631) 420-8436

CLIENT: URS corporation

H2M SDG NO: KEY-URS104

PROJECT NAME/NUMBER: National Grid, Hempstead, NY, 11176028.000004

SAMPLERS: (signature)/Client: Cory Friedman / URS

DELIVERABLES: Full Cat B

TURNAROUND TIME: standard

NOTES:

Project Contact: Pete Fairbanks

Phone Number: 716 856 5636

PIS/Quote #

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	ANALYSIS REQUESTED: ORGANIC BTEX VOA	ORGANIC PAH BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
10/28/10	1815	GW	HIMW-3S	4	X	X				1010A20-001	-003
10/27/10	1300	GW	HIMW-3I	4	X	X				-002	-002
10/27/10	1035	GW	HIMW-3D	4	X	X				-003	-001
10/27/10	0715	GW	HIMW-5S	4	X	X				-004	
10/28/10	955	GW	HIMW-8I	4	X	X				-005	
10/28/10	1050	GW	HIMW-8S	4	X	X				-006	
10/27/10		DI	TB	2	X						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Megan Pascal	10/28/10	1250	Ken Angelos	10/28/10	13:35
Ken Angelos	10/28/10	1:35	M-Ward	10-28-10	13:35
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N

Explain:

Samples were:
1. Shipped ___ or Hand Delivered ✓ Airbill# ___
2. Ambient or chilled Temp 2°C on ice
3. Received in good condition: (Y) or N
4. Properly preserved: (Y) or N

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

WHITE COPY - ORIGINAL

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

KEY-URS 104

H2M LABS INC
575 Broad Hollow Road
Melville, NY 11747
TEL: 631-694-3040 FAX: 631-420-8436
Website: www.h2mlabs.com

Sample Receipt Checklist

Client Name: KEY-URS | Date and Time Received: 10/28/2010 1:35:00 PM

Work Order Number 1010A20 | RcptNo: 1 | Received by: MelissaWatson

Completed by: M-Watt | Reviewed by: JSA

Completed Date: 10-28-10 | Reviewed Date: 10/29/10

Carrier name: H2M Pickup

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 ☐	
Are matrices correctly identified on Chain of custody?	Yes ☑	No ☐	
Is it clear what analyses were requested?	Yes ☑	No ☐	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Samples in proper container/bottle?	Yes ☑	No ☐	
Were correct preservatives used and noted?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
Were container lables complete (ID, Pres, Date)?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Was an attempt made to cool the samples?	Yes ☑	No ☐	
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☐	No ☑	
Response when temperature is outside of range:			
Preservative added to bottles:			
Sample Temp. taken and recorded upon receipt?	Yes ☑	No ☐	To 9°
Water - Were bubbles absent in VOC vials?	Yes ☑	No ☐	No Vials ☐
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	No Water ☐
Are Samples considered acceptable?	Yes ☑	No ☐	
Custody Seals present?	Yes ☐	No ☑	
Traffic Report or Packing Lists present?	Yes ☐	No ☑	
Airbill or Sticker?	Air Bill ☐	Sticker ☐	Not Present ☑
Airbill No:			
Sample Tags Present?	Yes ☐	No ☑	
Sample Tags Listed on COC?	Yes ☐	No ☑	
Tag Numbers:			
Sample Condition?	Intact ☑	Broken ☐	Leaking ☐

Case Number: | SDG: KEY-URS104 | SAS:

Adjusted? _____ Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section below.

KEY-URS104 S18

H2M labs

H2M LABS INC
575 Broad Hollow Road
Melville, NY 11747
TEL: 631-694-3040 FAX: 631-420-8436
Website: www.h2mlabs.com

Sample Receipt Checklist

Client Contacted? ☑ Yes ☐ No Person Contacted:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

CorrectiveAction:

Comments:
Ice was present in the cooler but the temperature was greater than 6 degrees celcius upon receipt.

KEY-URS104 S19

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILE ORGANICS
SAMPLES RECEIVED: 10/22/10, 10/26/10 & 10/28/10
SDG #: KEY-URS104

For Sample(s):

HIMW-13I	HIMW-5D	DUP-102510	
HIMW-13D	HIMW-5I	TB-102510	
HIMW-13S	HIMW-8D	~~001A~~	HIMW-3D
HIMW-14D	HIMW-12D	~~002B~~	-3I
HIMW-14I	HIMW-12I	~~003A~~	-3S
HIMW-15D	HIMW-12S	~~004B~~	-5S
HIMW-15I	HIMW-20I	~~005A~~	-8I
TB 102110	HIMW-20S	~~006B~~	-8S
		~~007A~~	TB-102710

1/26/11

The above sample(s) was/were analyzed for a select list of volatile organic analytes (BTEX) by EPA method 8260B.

All QC data and calibrations met the requirements of the method, unless discussed below, and no problems were encountered with sample analysis. The following should be noted:

Sample HIMW-15I was analyzed as the matrix spike/matrix spike duplicate. All percent recoveries and RPD's were met.

A lab fortified blank was analyzed and indicates 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: November 15, 2010

****
* *
* *
****
Joann M. Slavin
Senior Vice President

H2M LABS, INC.

SDG NARRATIVE FOR SEMIVOLATILE ORGANICS
SAMPLES RECEIVED: 10/22/10, 10/26/10 & 10/28/10
SDG #: KEY-URS104

For Sample(s):

HIMW-13I	HIMW-15I	HIMW-12S	HIMW-5S
HIMW-13D	HIMW-5D	HIMW-20I	HIMW-8I
HIMW-13S	HIMW-5I	HIMW-20S	HIMW-8S
HIMW-14D	HIMW-8D	DUP-102510	HIMW-3S
HIMW-14I	HIMW-12D	HIMW-3D	
HIMW-15D	HIMW-12I	HIMW-3I	

11/26/11

The above sample(s) was/were analyzed for a select list of semivolatile organic analytes (polynuclear aromatics) by EPA method 8270C.

All QC data and calibrations met the requirements of the method unless discussed below, and no problems were encountered with sample analysis. The following should be noted:

Sample HIMW-15I 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.

Sample HIMW-13I, HIMW-5D, HIMW-5I, HIMW-20I and DUP-102510 were reanalyzed at a dilution due to concentration levels of targeted analytes above the calibration range. Samples HIMW-5I, HIMW-12D, HIMW-3I, HIMW-5S and HIMW-8S had surrogate recoveries outside QC limits. All surrogate recoveries were diluted out in the dilution of sample HIMW-5I.

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 17, 2010

****
* *
* *
****

Joann M. Slavin
Senior Vice President

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Lab File ID: 10\R1519.D DFTPP Injection Date: 10/28/10

Instrument ID: HP5973R DFTPP Injection Time: 15:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.8
68	Less than 2% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	45.6
70	Less than 2% of mass 69	0.3 (0.7)1
127	40.0 - 60.0% of mass 198	54.7
197	Less than 1% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	20.9
365	Greater than 1% of mass 198	2.1
441	Present, but less than mass 443	6.7
442	40.0 - 110.0% of mass 198	44.8
443	17.0 - 23.0% of mass 442	8.7 (19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD025	SSTD025	10\R1520.D	10/28/10	16:01
02	MB-26985	MB-26985	10\R1537.D	10/29/10	0:25
03	LFB-26985	LFB-26985	10\R1538.D	10/29/10	0:55
04	HIMW-13I	1010820-001B	10\R1539.D	10/29/10	1:25
05	HIMW-13D	1010820-002B	10\R1540.D	10/29/10	1:56
06	HIMW-13S	1010820-003B	10\R1541.D	10/29/10	2:28
07	HIMW-14D	1010820-004B	10\R1542.D	10/29/10	2:58
08	HIMW-14I	1010820-005B	10\R1543.D	10/29/10	3:28

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Lab File ID: 10\R1544.D DFTPP Injection Date: 10/29/10

Instrument ID: HP5973R DFTPP Injection Time: 11:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.7
68	Less than 2% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	44.0
70	Less than 2% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	54.3
197	Less than 1% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.8
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	7.7
442	40.0 - 110.0% of mass 198	51.6
443	17.0 - 23.0% of mass 442	9.8 (18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD025	SSTD025	10\R1545.D	10/29/10	12:07
02	HIMW-15D	1010820-006B	10\R1546.D	10/29/10	12:36
03	HIMW-15I	1010820-007B	10\R1547.D	10/29/10	13:05
04	HIMW-15IMS	1010820-007BMS	10\R1548.D	10/29/10	13:35
05	HIMW-15IMSD	1010820-007BMSD	10\R1549.D	10/29/10	14:04
06	HIMW-13IDL	1010820-001BDL	10\R1550.D	10/29/10	14:33
07	MB-26995	MB-26995	10\R1551.D	10/29/10	15:02
08	LFB-26995	LFB-26995	10\R1552.D	10/29/10	15:32
09	HIMW-5D	1010958-001B	10\R1553.D	10/29/10	16:01
10	HIMW-5I	1010958-002B	10\R1554.D	10/29/10	16:30
11	HIMW-8D	1010958-003B	10\R1555.D	10/29/10	17:00
12	HIMW-12D	1010958-004B	10\R1556.D	10/29/10	17:32
13	HIMW-12I	1010958-005B	10\R1557.D	10/29/10	18:01
14	HIMW-12S	1010958-006B	10\R1558.D	10/29/10	18:30
15	HIMW-20I	1010958-007B	10\R1559.D	10/29/10	19:00
16	HIMW-20S	1010958-008B	10\R1560.D	10/29/10	19:30
17	DUP-102510	1010958-009B	10\R1561.D	10/29/10	20:00

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Lab File ID: 10\R1570.D DFTPP Injection Date: 10/31/10

Instrument ID: HP5973R DFTPP Injection Time: 14:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.7
68	Less than 2% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	43.4
70	Less than 2% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	53.1
197	Less than 1% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.7
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	7.4
442	40.0 - 110.0% of mass 198	52.7
443	17.0 - 23.0% of mass 442	10.1 (19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD025	SSTD025	10\R1571.D	10/31/10	15:13
02	HMW-5DDL	1010958-001BDL	10\R1572.D	10/31/10	15:42
03	HMW-5IDL	1010958-002BDL	10\R1573.D	10/31/10	16:12
04	HMW-20IDL	1010958-007BDL	10\R1574.D	10/31/10	16:44
05	DUP-102510DL	1010958-009BDL	10\R1575.D	10/31/10	17:14

7D

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Instrument ID: HP5973R Calibration Date: 10/28/201 Time: 16:01

Lab File ID: 10\R1520.D Init. Calib. Date(s): 10/20/10 10/20/10

EPA Sample No.(SSTD050##): SSTD025 Init. Calib. Times: 12:18 14:46

GC Column: R-5SILMS ID: .25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Naphthalene	1.062	1.048		-1.3	
2-Methylnaphthalene	0.734	0.715		-2.5	
Acenaphthylene	1.916	1.885		-1.6	
Acenaphthene	1.206	1.194		-1.0	20.0
Fluorene	1.339	1.326		-1.0	
Phenanthrene	1.188	1.154		-2.9	
Anthracene	1.149	1.140		-0.8	
Fluoranthene	1.179	1.132		-4.0	20.0
Pyrene	1.346	1.344		-0.1	
Benzo(a)anthracene	1.120	1.093		-2.4	
Chrysene	1.058	1.056		-0.2	
Benzo(b)fluoranthene	1.351	1.202		-11.0	
Benzo(k)fluoranthene	0.917	1.140		24.3	
Benzo(a)pyrene	1.108	1.124		1.5	20.0
Indeno(1,2,3-cd)pyrene	1.165	1.187		1.9	
Dibenzo(a,h)anthracene	0.922	0.935		1.4	
Benzo(g,h,i)perylene	1.025	1.052		2.7	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Instrument ID: HP5973R Calibration Date: 10/29/201 Time: 12:07

Lab File ID: 10\R1545.D Init. Calib. Date(s): 10/20/10 10/20/10

EPA Sample No.(SSTD050##): SSTD025 Init. Calib. Times: 12:18 14:46

GC Column: R-5SILMS ID: .25 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Naphthalene	1.062	1.057		-0.4	
2-Methylnaphthalene	0.734	0.715		-2.5	
Acenaphthylene	1.916	1.953		1.9	
Acenaphthene	1.206	1.211		0.4	20.0
Fluorene	1.339	1.359		1.5	
Phenanthrene	1.188	1.160		-2.4	
Anthracene	1.149	1.155		0.5	
Fluoranthene	1.179	1.144		-3.0	20.0
Pyrene	1.346	1.359		1.0	
Benzo(a)anthracene	1.120	1.090		-2.7	
Chrysene	1.058	1.083		2.3	
Benzo(b)fluoranthene	1.351	1.179		-12.7	
Benzo(k)fluoranthene	0.917	1.143		24.6	
Benzo(a)pyrene	1.108	1.129		1.9	20.0
Indeno(1,2,3-cd)pyrene	1.165	1.254		7.7	
Dibenzo(a,h)anthracene	0.922	0.971		5.3	
Benzo(g,h,i)perylene	1.025	1.104		7.8	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: KEY-URS SAS No.: _____ SDG No.: KEY-URS104

Instrument ID: HP5973R Calibration Date: 10/31/201 Time: 15:13

Lab File ID: 10\R1571.D Init. Calib. Date(s): 10/20/10 10/20/10

EPA Sample No.(SSTD050##): SSTD025 Init. Calib. Times: 12:18 14:46

GC Column: R-5SILMS ID: .25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Naphthalene	1.062	1.057		-0.4	
2-Methylnaphthalene	0.734	0.709		-3.4	
Acenaphthylene	1.916	1.900		-0.9	
Acenaphthene	1.206	1.197		-0.7	20.0
Fluorene	1.339	1.323		-1.2	
Phenanthrene	1.188	1.173		-1.3	
Anthracene	1.149	1.168		1.6	
Fluoranthene	1.179	1.135		-3.7	20.0
Pyrene	1.346	1.364		1.4	
Benzo(a)anthracene	1.120	1.102		-1.6	
Chrysene	1.058	1.075		1.6	
Benzo(b)fluoranthene	1.351	1.220		-9.7	
Benzo(k)fluoranthene	0.917	1.103		20.2	
Benzo(a)pyrene	1.108	1.122		1.3	20.0
Indeno(1,2,3-cd)pyrene	1.165	1.102		-5.4	
Dibenzo(a,h)anthracene	0.922	0.894		-3.0	
Benzo(g,h,i)perylene	1.025	0.865		-15.6	

All other compounds must meet a minimum RRF of 0.010.