Report Date:
19-Feb-10 12:01

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC.Featuring HANIBAL TECHNOLOGY

Laboratory Report

EA Engineering Science & Technology
6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211

Attn: Scott Graham

Work Order: J0150
Project : NYSDEC Old Ley Creek
Project #: 14368.42

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
J0150-01	7-34-074-SW2-01	Aqueous	26-Jan-10 13:51	27-Jan-10 08:55
J0150-02	7-34-074-SW2-02	Aqueous	26-Jan-10 13:42	27-Jan-10 08:55
J0150-03	7-34-074-SW2-03	Aqueous	26-Jan-10 13:35	27-Jan-10 08:55
J0150-04	7-34-074-SW2-04	Aqueous	26-Jan-10 12:25	27-Jan-10 08:55
J0150-05	7-34-074-SW2-05	Aqueous	26-Jan-10 12:40	27-Jan-10 08:55
J0150-06	7-34-074-SW2-06	Aqueous	26-Jan-10 13:00	27-Jan-10 08:55
J0150-07	7-34-074-SW2-07	Aqueous	26-Jan-10 13:10	27-Jan-10 08:55
J0150-08	7-34-074-SW2-DUP01	Aqueous	26-Jan-10 00:00	27-Jan-10 08:55
J0150-09	TRIP BLANK	Aqueous	26-Jan-10 00:00	27-Jan-10 08:55

I attest that the information contained within the report has been reviewed for accuracy and checked against the quaility control requirements for each method. The results relate only to the samples(s) as recevied.

All applicable NELAC or USEPA CLP requirments have been meet.

Mitkem Laboratories is accredited under the National Environmental Laboratory Approval Program (NELAP) and is certified by several States, as well as USEPA and US Department of Defense. The current list of our laboratory approvals and certifications is available on the Certifications page our web site at www.mitkem.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Pennsylvania	68-00520
Rhode Island	LAI00301
Texas	T104704422-08-TX
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-05-030

Authorized by:

Yihai Ding
Laboratory Director

Technical Reviewer's Initials: YD

615431

175 Metro Center Boulevard• Warwick, Rhode Island 02886-1755 • 401-732-3400• Fax 401-732-3499
www.mitkem.com

MITKEM LABORATORIES

* Data Summary Pack *

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Identification and Analytical Requirements Summary

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
7-34-074-SW2-01	J0150-01	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-01	J0150-01			SW8082_W	SW7470	
7-34-074-SW2-02	J0150-02	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-02	J0150-02			SW8082_W	SW7470	
7-34-074-SW2-03	J0150-03	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-03	J0150-03			SW8082_W	SW7470	
7-34-074-SW2-04	J0150-04	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-04	J0150-04			SW8082_W	SW7470	
7-34-074-SW2-05	J0150-05	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-05	J0150-05			SW8082_W	SW7470	
7-34-074-SW2-06	J0150-06	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-06	J0150-06			SW8082_W	SW7470	
7-34-074-SW2-07	J0150-07	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-07	J0150-07			SW8082_W	SW7470	
7-34-074-SW2-DUP01	J0150-08	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
7-34-074-SW2-DUP01	J0150-08			SW8082_W	SW7470	
TRIP BLANK	J0150-09	SW8260_W				

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_W					
J0150-01A	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-02A	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-03A	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-04A	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-05A	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-06A	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-06AMS	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-06AMSD	AQ	1/26/2010	1/27/2010	NA	2/4/2010
J0150-07A	AQ	1/26/2010	1/27/2010	NA	2/5/2010
J0150-08A	AQ	1/26/2010	1/27/2010	NA	2/5/2010
J0150-09A	AQ	1/26/2010	1/27/2010	NA	2/5/2010

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSSEMI

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8270_W					
J0150-01C	AQ	1/26/2010	1/27/2010	2/2/2010	2/9/2010
J0150-02C	AQ	1/26/2010	1/27/2010	2/2/2010	2/9/2010
J0150-03C	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010
J0150-04C	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010
J0150-05C	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010
J0150-06C	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010
J0150-06CMS	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010
J0150-06CMSD	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010
J0150-07C	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010
J0150-08C	AQ	1/26/2010	1/27/2010	2/2/2010	2/10/2010

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary GC*

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8081_W					
J0150-01C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-02C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-03C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-04C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-05C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-06C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-06CMS	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-06CMSD	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-07C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
J0150-08C	AQ	1/26/2010	1/27/2010	1/29/2010	2/17/2010
SW8082_W					
J0150-01C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-02C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-03C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-04C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-05C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-06C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-06CMS	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-06CMSD	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-07C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010
J0150-08C	AQ	1/26/2010	1/27/2010	1/29/2010	2/9/2010

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_W					
J0150-01A	AQ	SW8260_W	NA	LOW	1
J0150-02A	AQ	SW8260_W	NA	LOW	1
J0150-03A	AQ	SW8260_W	NA	LOW	1
J0150-04A	AQ	SW8260_W	NA	LOW	1
J0150-05A	AQ	SW8260_W	NA	LOW	1
J0150-06A	AQ	SW8260_W	NA	LOW	1
J0150-06AMS	AQ	SW8260_W	NA	LOW	1
J0150-06AMSD	AQ	SW8260_W	NA	LOW	1
J0150-07A	AQ	SW8260_W	NA	LOW	1
J0150-08A	AQ	SW8260_W	NA	LOW	1
J0150-09A	AQ	SW8260_W	NA	LOW	1

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSSEMI

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8270_W					
J0150-01C	AQ	SW8270_W	3510C	NA	1
J0150-02C	AQ	SW8270_W	3510C	NA	1
J0150-03C	AQ	SW8270_W	3510C	NA	1
J0150-04C	AQ	SW8270_W	3510C	NA	1
J0150-05C	AQ	SW8270_W	3510C	NA	1
J0150-06C	AQ	SW8270_W	3510C	NA	1
J0150-06CMS	AQ	SW8270_W	3510C	NA	1
J0150-06CMSD	AQ	SW8270_W	3510C	NA	1
J0150-07C	AQ	SW8270_W	3510C	NA	1
J0150-08C	AQ	SW8270_W	3510C	NA	1

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary GC*

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8081_W					
J0150-01C	AQ	SW8081_W	3510C	Sulfur	1
J0150-02C	AQ	SW8081_W	3510C	Sulfur	1
J0150-03C	AQ	SW8081_W	3510C	Sulfur	1
J0150-04C	AQ	SW8081_W	3510C	Sulfur	1
J0150-05C	AQ	SW8081_W	3510C	Sulfur	1
J0150-06C	AQ	SW8081_W	3510C	Sulfur	1
J0150-06CMS	AQ	SW8081_W	3510C	Sulfur	1
J0150-06CMSD	AQ	SW8081_W	3510C	Sulfur	1
J0150-07C	AQ	SW8081_W	3510C	Sulfur	1
J0150-08C	AQ	SW8081_W	3510C	Sulfur	1
SW8082_W					
J0150-01C	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-02C	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-03C	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-04C	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-05C	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-06C	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-06CMS	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-06CMSD	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-07C	AQ	SW8082_W	3510C	Acid/Sulfur	1
J0150-08C	AQ	SW8082_W	3510C	Acid/Sulfur	1

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary ME

Project Name : NYSDEC Old Ley Creek -- 14368.42 **SDG :** J0150

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010_W				
J0150-01B	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-02B	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-03B	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-04B	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-05B	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-06B	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-06BDUP	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-06BMS	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-07B	AQ	SW6010_W	1/27/2010	2/16/2010
J0150-08B	AQ	SW6010_W	1/27/2010	2/16/2010
SW7470				
J0150-01B	AQ	SW7470	1/27/2010	2/12/2010
J0150-02B	AQ	SW7470	1/27/2010	2/12/2010
J0150-03B	AQ	SW7470	1/27/2010	2/12/2010
J0150-04B	AQ	SW7470	1/27/2010	2/12/2010
J0150-05B	AQ	SW7470	1/27/2010	2/12/2010
J0150-06B	AQ	SW7470	1/27/2010	2/12/2010
J0150-06BDUP	AQ	SW7470	1/27/2010	2/12/2010
J0150-06BMS	AQ	SW7470	1/27/2010	2/12/2010
J0150-07B	AQ	SW7470	1/27/2010	2/12/2010
J0150-08B	AQ	SW7470	1/27/2010	2/12/2010

Analytical Data Package for EA Engineering Science and Technology

Client Project: NYSDEC – Old Ley Creek, #14368.42

SDG# SJ0150

Mitkem Workorder: J0150

February 19, 2010

Prepared For: EA Engineering Science and Technology
6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211
Attn: Mr. Scott Graham

Prepared By: Mitkem Laboratories
175 Metro Center Boulevard
Warwick, RI 02886
(401) 732-3400

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to EA Engineering Science & Technology's NYSDEC – Old Ley Creek project number 14368.42. Under this deliverable, analysis results are presented for nine aqueous samples that were received on January 27, 2010. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Following the narrative is the Mitkem Work Order for cross-referencing sample ID and laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (2000 update) and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous – under this category, the justification is explained.
- M6 software did not integrate peak
- M7 partial peak integration

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries and replicate RPDs were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample 7-34-074-SW2-06. Spike recoveries were within the QC limits with the exception of marginally low recovery of 1,1,2-trichloroethane,1,2-dibromoethane, 1,2,3-trichloropropane and 1,2,3-trichlorobenzene in the matrix spike. Replicate RPDs were within the QC limits.

Sample analysis: no unusual observation was made for the analysis.

3. Semivolatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits with the exception of marginally high recovery of hexachlorobutadiene.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample 7-34-074-SW2-06. Spike recoveries were within the QC limits with the exception of low recovery of 2,4-dinitrophenol and 3,3'-dichlorobenzidine in the matrix spike and low recovery of 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol and 3,3'-dichlorobenzinde in the matrix spike duplicate. Replicate RPDs were within the QC limits with the exception of 2,4-dinitrophenol, 4-nitrophenol, 4,6-dinitro-2-methylphenol and pentachlorophenol.

Sample analysis: no other unusual observation was made for the analysis.

4. Pesticides Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits for both columns.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample 7-34-074-SW2-06. Spike recoveries were within the QC limits with the exception of high recovery of gamma-Chlordane in both the matrix spike and matrix spike duplicate for the rear column. Replicate RPDs were within the QC limits for both columns.

Sample analysis: no other unusual observation was made for the analysis.

5. PCB Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample: spike recoveries were within the QC limits for both columns.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample 7-34-074-SW2-06. Spike recoveries and replicate RPDs were within the QC limits for both columns.

Sample analysis: no unusual observation was made for the analysis.

6. Metals Analysis:

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on sample 7-34-074-SW2-06. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on sample 7-34-074-SW2-06. Replicate RPDs were within the QC limits.

Sample analysis: serial dilution was performed on sample 7-34-074-SW2-06. Percent differences were within the QC limits with the exception of magnesium. Magnesium is qualified with an "E" on the data report forms. No other unusual observation was made for the analysis.

The pages in this report have been numbered consecutively, starting from this narrative and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hardcopy data package.

Agnes Huntley

Agnes Huntley
CLP Project Manager
02/19/10

WorkOrder: J0150

02/19/2010 09:40

Mitkem Laboratories

Client ID: EA_EASTSYR
Project: NYSDEC Old Ley Creek
WO Name: NYSDEC Old Ley Creek
Location: NYSDEC_OLD_LEY_CREEK, 14368.42
Comments: no TICs, check price, send CD only

Case:
SDG:
PO: 14368.42

HC Due: 02/17/10
Fax Due:
Fax Report: ☐

Report Level: ASP-B
Special Program:
EDD: MEDD4_2-3

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0150-01A	7-34-074-SW2-01	01/26/2010 13:51	01/27/2010	Aqueous	SW8260_W	/					VOA
J0150-01B	7-34-074-SW2-01	01/26/2010 13:51	01/27/2010	Aqueous	SW6010_W	/ TAL				Y	M5
J0150-01B	7-34-074-SW2-01	01/26/2010 13:51	01/27/2010	Aqueous	SW7470	/ TAL					M5
J0150-01C	7-34-074-SW2-01	01/26/2010 13:51	01/27/2010	Aqueous	SW8081_W	/					I3
J0150-01C	7-34-074-SW2-01	01/26/2010 13:51	01/27/2010	Aqueous	SW8082_W	/					I3
J0150-01C	7-34-074-SW2-01	01/26/2010 13:51	01/27/2010	Aqueous	SW8270_W	/					I3
J0150-02A	7-34-074-SW2-02	01/26/2010 13:42	01/27/2010	Aqueous	SW8260_W	/					VOA
J0150-02B	7-34-074-SW2-02	01/26/2010 13:42	01/27/2010	Aqueous	SW6010_W	/ TAL				Y	M5
J0150-02B	7-34-074-SW2-02	01/26/2010 13:42	01/27/2010	Aqueous	SW7470	/ TAL					M5
J0150-02C	7-34-074-SW2-02	01/26/2010 13:42	01/27/2010	Aqueous	SW8081_W	/					I3
J0150-02C	7-34-074-SW2-02	01/26/2010 13:42	01/27/2010	Aqueous	SW8082_W	/					I3
J0150-02C	7-34-074-SW2-02	01/26/2010 13:42	01/27/2010	Aqueous	SW8270_W	/					I3
J0150-03A	7-34-074-SW2-03	01/26/2010 13:35	01/27/2010	Aqueous	SW8260_W	/					VOA
J0150-03B	7-34-074-SW2-03	01/26/2010 13:35	01/27/2010	Aqueous	SW6010_W	/ TAL				Y	M5
J0150-03B	7-34-074-SW2-03	01/26/2010 13:35	01/27/2010	Aqueous	SW7470	/ TAL					M5
J0150-03C	7-34-074-SW2-03	01/26/2010 13:35	01/27/2010	Aqueous	SW8081_W	/					I3
J0150-03C	7-34-074-SW2-03	01/26/2010 13:35	01/27/2010	Aqueous	SW8082_W	/					I3
J0150-03C	7-34-074-SW2-03	01/26/2010 13:35	01/27/2010	Aqueous	SW8270_W	/					I3
J0150-04A	7-34-074-SW2-04	01/26/2010 12:25	01/27/2010	Aqueous	SW8260_W	/					VOA
J0150-04B	7-34-074-SW2-04	01/26/2010 12:25	01/27/2010	Aqueous	SW6010_W	/ TAL				Y	M5
J0150-04B	7-34-074-SW2-04	01/26/2010 12:25	01/27/2010	Aqueous	SW7470	/ TAL					M5

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Lab Client Rep: Shirley S Ng

WorkOrder: J0150

02/19/2010 09:40

Mitkem Laboratories

Client ID: EA_EASTSYR
Project: NYSDEC Old Ley Creek
WO Name: NYSDEC Old Ley Creek
Location: NYSDEC_OLD_LEY_CREEK, 14368.42
Comments: no TICs, check price, send CD only

Case:
SDG:
PO: 14368.42

HC Due: 02/17/10
Fax Due:
Fax Report: ☐

Report Level: ASP-B
Special Program:
EDD: MEDD4_2-3

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0150-04C	7-34-074-SW2-04	01/26/2010 12:25	01/27/2010	Aqueous	SW8081_W	/					I3
J0150-04C	7-34-074-SW2-04	01/26/2010 12:25	01/27/2010	Aqueous	SW8082_W	/					I3
J0150-04C	7-34-074-SW2-04	01/26/2010 12:25	01/27/2010	Aqueous	SW8270_W	/					I3
J0150-05A	7-34-074-SW2-05	01/26/2010 12:40	01/27/2010	Aqueous	SW8260_W	/					VOA
J0150-05B	7-34-074-SW2-05	01/26/2010 12:40	01/27/2010	Aqueous	SW6010_W	/ TAL				Y	M5
J0150-05B	7-34-074-SW2-05	01/26/2010 12:40	01/27/2010	Aqueous	SW7470	/ TAL					M5
J0150-05C	7-34-074-SW2-05	01/26/2010 12:40	01/27/2010	Aqueous	SW8081_W	/					I3
J0150-05C	7-34-074-SW2-05	01/26/2010 12:40	01/27/2010	Aqueous	SW8082_W	/					I3
J0150-05C	7-34-074-SW2-05	01/26/2010 12:40	01/27/2010	Aqueous	SW8270_W	/					I3
J0150-06A	7-34-074-SW2-06	01/26/2010 13:00	01/27/2010	Aqueous	SW8260_W	/			Y		VOA
J0150-06B	7-34-074-SW2-06	01/26/2010 13:00	01/27/2010	Aqueous	SW6010_W	/ TAL			Y	Y	M5
J0150-06B	7-34-074-SW2-06	01/26/2010 13:00	01/27/2010	Aqueous	SW7470	/ TAL			Y		M5
J0150-06C	7-34-074-SW2-06	01/26/2010 13:00	01/27/2010	Aqueous	SW8081_W	Do MS.MSD at half volume, sample at full volume. /			Y		I3
J0150-06C	7-34-074-SW2-06	01/26/2010 13:00	01/27/2010	Aqueous	SW8082_W	Do MS.MSD at half volume, sample at full volume. /			Y		I3
J0150-06C	7-34-074-SW2-06	01/26/2010 13:00	01/27/2010	Aqueous	SW8270_W	Do MS.MSD at half volume, sample at full volume. /			Y		I3
J0150-07A	7-34-074-SW2-07	01/26/2010 13:10	01/27/2010	Aqueous	SW8260_W	/					VOA
J0150-07B	7-34-074-SW2-07	01/26/2010 13:10	01/27/2010	Aqueous	SW6010_W	/ TAL				Y	M5
J0150-07B	7-34-074-SW2-07	01/26/2010 13:10	01/27/2010	Aqueous	SW7470	/ TAL					M5
J0150-07C	7-34-074-SW2-07	01/26/2010 13:10	01/27/2010	Aqueous	SW8081_W	/					I3

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Lab Client Rep: Shirley S Ng

WorkOrder: J0150

02/19/2010 09:40

Mitkem Laboratories

Client ID: EA_EASTSYR
Project: NYSDEC Old Ley Creek
WO Name: NYSDEC Old Ley Creek
Location: NYSDEC_OLD_LEY_CREEK, 14368.42
Comments: no TICs, check price, send CD only

Case:
SDG:
PO: 14368.42

HC Due: 02/17/10
Fax Due:
Fax Report: ☐

Report Level: ASP-B
Special Program:
EDD: MEDD4_2-3

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
J0150-07C	7-34-074-SW2-07	01/26/2010 13:10	01/27/2010	Aqueous	SW8082_W	/					I3
J0150-07C	7-34-074-SW2-07	01/26/2010 13:10	01/27/2010	Aqueous	SW8270_W	/					I3
J0150-08A	7-34-074-SW2-DUP01	01/26/2010 00:00	01/27/2010	Aqueous	SW8260_W	/					VOA
J0150-08B	7-34-074-SW2-DUP01	01/26/2010 00:00	01/27/2010	Aqueous	SW6010_W	/ TAL				Y	M5
J0150-08B	7-34-074-SW2-DUP01	01/26/2010 00:00	01/27/2010	Aqueous	SW7470	/ TAL					M5
J0150-08C	7-34-074-SW2-DUP01	01/26/2010 00:00	01/27/2010	Aqueous	SW8081_W	/					I3
J0150-08C	7-34-074-SW2-DUP01	01/26/2010 00:00	01/27/2010	Aqueous	SW8082_W	/					I3
J0150-08C	7-34-074-SW2-DUP01	01/26/2010 00:00	01/27/2010	Aqueous	SW8270_W	/					I3
J0150-09A	TRIP BLANK	01/26/2010 00:00	01/27/2010	Aqueous	SW8260_W	/					VOA

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Lab Client Rep: Shirley S Ng

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-01A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0758.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0758.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/27/2010

% Moisture: not dec. Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	4.2	J

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-02

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM

Case No.: J0150

Mod. Ref No.:

SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-02A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0759.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	3.1	J
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.6	J
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-02

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-02A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0759.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-03

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-03A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0760.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-03

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-03A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0760.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-04

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-04A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0761.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-04

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-04A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0761.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-05

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-05A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0793.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-05

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-05A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0793.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-06A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0794.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-06A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0794.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06MS

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-06AMS

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0795.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	45	
74-87-3	Chloromethane	46	
75-01-4	Vinyl chloride	47	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	46	
75-69-4	Trichlorofluoromethane	44	
75-35-4	1,1-Dichloroethene	48	
67-64-1	Acetone	28	
74-88-4	Iodomethane	46	
75-15-0	Carbon disulfide	45	
75-09-2	Methylene chloride	41	
156-60-5	trans-1,2-Dichloroethene	45	
1634-04-4	Methyl tert-butyl ether	38	
75-34-3	1,1-Dichloroethane	44	
108-05-4	Vinyl acetate	36	
78-93-3	2-Butanone	30	
156-59-2	cis-1,2-Dichloroethene	44	
594-20-7	2,2-Dichloropropane	40	
74-97-5	Bromochloromethane	41	
67-66-3	Chloroform	43	
71-55-6	1,1,1-Trichloroethane	45	
563-58-6	1,1-Dichloropropene	45	
56-23-5	Carbon tetrachloride	45	
107-06-2	1,2-Dichloroethane	38	
71-43-2	Benzene	45	
79-01-6	Trichloroethene	45	
78-87-5	1,2-Dichloropropane	42	
74-95-3	Dibromomethane	40	
75-27-4	Bromodichloromethane	42	
10061-01-5	cis-1,3-Dichloropropene	39	
108-10-1	4-Methyl-2-pentanone	33	
108-88-3	Toluene	46	
10061-02-6	trans-1,3-Dichloropropene	36	
79-00-5	1,1,2-Trichloroethane	37	
142-28-9	1,3-Dichloropropane	39	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06MS

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-06AMS

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0795.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	47	
591-78-6	2-Hexanone	30	
124-48-1	Dibromochloromethane	40	
106-93-4	1,2-Dibromoethane	39	
108-90-7	Chlorobenzene	44	
630-20-6	1,1,1,2-Tetrachloroethane	42	
100-41-4	Ethylbenzene	46	
1330-20-7	m,p-Xylene	92	
95-47-6	o-Xylene	46	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	44	
75-25-2	Bromoform	38	
98-82-8	Isopropylbenzene	45	
79-34-5	1,1,2,2-Tetrachloroethane	36	
108-86-1	Bromobenzene	44	
96-18-4	1,2,3-Trichloropropane	36	
103-65-1	n-Propylbenzene	46	
95-49-8	2-Chlorotoluene	46	
108-67-8	1,3,5-Trimethylbenzene	45	
106-43-4	4-Chlorotoluene	45	
98-06-6	tert-Butylbenzene	44	
95-63-6	1,2,4-Trimethylbenzene	45	
135-98-8	sec-Butylbenzene	42	
99-87-6	4-Isopropyltoluene	42	
541-73-1	1,3-Dichlorobenzene	43	
106-46-7	1,4-Dichlorobenzene	43	
104-51-8	n-Butylbenzene	40	
95-50-1	1,2-Dichlorobenzene	41	
96-12-8	1,2-Dibromo-3-chloropropane	35	
120-82-1	1,2,4-Trichlorobenzene	34	
87-68-3	Hexachlorobutadiene	33	
87-61-6	1,2,3-Trichlorobenzene	27	
91-20-3	Naphthalene	29	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06M SD

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-06AMSD

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0796.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	48	
74-87-3	Chloromethane	57	
75-01-4	Vinyl chloride	58	
74-83-9	Bromomethane	56	
75-00-3	Chloroethane	57	
75-69-4	Trichlorofluoromethane	54	
75-35-4	1,1-Dichloroethene	57	
67-64-1	Acetone	29	
74-88-4	Iodomethane	57	
75-15-0	Carbon disulfide	55	
75-09-2	Methylene chloride	52	
156-60-5	trans-1,2-Dichloroethene	56	
1634-04-4	Methyl tert-butyl ether	47	
75-34-3	1,1-Dichloroethane	53	
108-05-4	Vinyl acetate	44	
78-93-3	2-Butanone	37	
156-59-2	cis-1,2-Dichloroethene	55	
594-20-7	2,2-Dichloropropane	50	
74-97-5	Bromochloromethane	50	
67-66-3	Chloroform	53	
71-55-6	1,1,1-Trichloroethane	56	
563-58-6	1,1-Dichloropropene	55	
56-23-5	Carbon tetrachloride	56	
107-06-2	1,2-Dichloroethane	47	
71-43-2	Benzene	55	
79-01-6	Trichloroethene	55	
78-87-5	1,2-Dichloropropane	50	
74-95-3	Dibromomethane	47	
75-27-4	Bromodichloromethane	50	
10061-01-5	cis-1,3-Dichloropropene	48	
108-10-1	4-Methyl-2-pentanone	42	
108-88-3	Toluene	57	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	46	
142-28-9	1,3-Dichloropropane	44	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06M SD

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-06AMSD

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0796.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	55	
591-78-6	2-Hexanone	37	
124-48-1	Dibromochloromethane	46	
106-93-4	1,2-Dibromoethane	45	
108-90-7	Chlorobenzene	53	
630-20-6	1,1,1,2-Tetrachloroethane	50	
100-41-4	Ethylbenzene	55	
1330-20-7	m,p-Xylene	110	
95-47-6	o-Xylene	54	
1330-20-7	Xylene (Total)	160	
100-42-5	Styrene	52	
75-25-2	Bromoform	45	
98-82-8	Isopropylbenzene	54	
79-34-5	1,1,2,2-Tetrachloroethane	44	
108-86-1	Bromobenzene	53	
96-18-4	1,2,3-Trichloropropane	44	
103-65-1	n-Propylbenzene	55	
95-49-8	2-Chlorotoluene	55	
108-67-8	1,3,5-Trimethylbenzene	55	
106-43-4	4-Chlorotoluene	55	
98-06-6	tert-Butylbenzene	54	
95-63-6	1,2,4-Trimethylbenzene	54	
135-98-8	sec-Butylbenzene	52	
99-87-6	4-Isopropyltoluene	53	
541-73-1	1,3-Dichlorobenzene	51	
106-46-7	1,4-Dichlorobenzene	51	
104-51-8	n-Butylbenzene	49	
95-50-1	1,2-Dichlorobenzene	51	
96-12-8	1,2-Dibromo-3-chloropropane	40	
120-82-1	1,2,4-Trichlorobenzene	44	
87-68-3	Hexachlorobutadiene	40	
87-61-6	1,2,3-Trichlorobenzene	37	
91-20-3	Naphthalene	38	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-07

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-07A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0811.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.7	J
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-07

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-07A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0811.D

Level: (TRACE/LOW/MED) LOW Date Received: 01/27/2010

% Moisture: not dec. Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	1.1	J
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	1.1	J
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-DUP 01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-08A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0812.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-DUP 01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-08A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0812.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-09A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0809.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-09A

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0809.D

Level: (TRACE/LOW/MED) LOW

Date Received: 01/27/2010

% Moisture: not dec.

Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49034

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49034

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0740.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/03/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	42	
74-87-3	Chloromethane	45	
75-01-4	Vinyl chloride	46	
74-83-9	Bromomethane	46	
75-00-3	Chloroethane	46	
75-69-4	Trichlorofluoromethane	44	
75-35-4	1,1-Dichloroethene	46	
67-64-1	Acetone	30	
74-88-4	Iodomethane	46	
75-15-0	Carbon disulfide	44	
75-09-2	Methylene chloride	44	
156-60-5	trans-1,2-Dichloroethene	45	
1634-04-4	Methyl tert-butyl ether	46	
75-34-3	1,1-Dichloroethane	44	
108-05-4	Vinyl acetate	43	
78-93-3	2-Butanone	39	
156-59-2	cis-1,2-Dichloroethene	45	
594-20-7	2,2-Dichloropropane	40	
74-97-5	Bromochloromethane	45	
67-66-3	Chloroform	45	
71-55-6	1,1,1-Trichloroethane	45	
563-58-6	1,1-Dichloropropene	48	
56-23-5	Carbon tetrachloride	46	
107-06-2	1,2-Dichloroethane	43	
71-43-2	Benzene	44	
79-01-6	Trichloroethene	44	
78-87-5	1,2-Dichloropropane	43	
74-95-3	Dibromomethane	47	
75-27-4	Bromodichloromethane	45	
10061-01-5	cis-1,3-Dichloropropene	45	
108-10-1	4-Methyl-2-pentanone	44	
108-88-3	Toluene	44	
10061-02-6	trans-1,3-Dichloropropene	44	
79-00-5	1,1,2-Trichloroethane	46	
142-28-9	1,3-Dichloropropane	45	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49034

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: LCS-49034

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0740.D

Level: (TRACE/LOW/MED) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 02/03/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	46	
591-78-6	2-Hexanone	40	
124-48-1	Dibromochloromethane	47	
106-93-4	1,2-Dibromoethane	46	
108-90-7	Chlorobenzene	44	
630-20-6	1,1,1,2-Tetrachloroethane	44	
100-41-4	Ethylbenzene	46	
1330-20-7	m,p-Xylene	88	
95-47-6	o-Xylene	45	
1330-20-7	Xylene (Total)	130	
100-42-5	Styrene	45	
75-25-2	Bromoform	48	
98-82-8	Isopropylbenzene	45	
79-34-5	1,1,2,2-Tetrachloroethane	45	
108-86-1	Bromobenzene	45	
96-18-4	1,2,3-Trichloropropane	42	
103-65-1	n-Propylbenzene	41	
95-49-8	2-Chlorotoluene	44	
108-67-8	1,3,5-Trimethylbenzene	43	
106-43-4	4-Chlorotoluene	43	
98-06-6	tert-Butylbenzene	43	
95-63-6	1,2,4-Trimethylbenzene	42	
135-98-8	sec-Butylbenzene	42	
99-87-6	4-Isopropyltoluene	43	
541-73-1	1,3-Dichlorobenzene	44	
106-46-7	1,4-Dichlorobenzene	44	
104-51-8	n-Butylbenzene	41	
95-50-1	1,2-Dichlorobenzene	44	
96-12-8	1,2-Dibromo-3-chloropropane	41	
120-82-1	1,2,4-Trichlorobenzene	43	
87-68-3	Hexachlorobutadiene	45	
87-61-6	1,2,3-Trichlorobenzene	45	B
91-20-3	Naphthalene	43	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49034

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: LCSD-49034

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0741.D

Level: (TRACE/LOW/MED) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 02/03/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	45	
74-87-3	Chloromethane	47	
75-01-4	Vinyl chloride	49	
74-83-9	Bromomethane	48	
75-00-3	Chloroethane	49	
75-69-4	Trichlorofluoromethane	46	
75-35-4	1,1-Dichloroethene	49	
67-64-1	Acetone	33	
74-88-4	Iodomethane	50	
75-15-0	Carbon disulfide	47	
75-09-2	Methylene chloride	47	
156-60-5	trans-1,2-Dichloroethene	48	
1634-04-4	Methyl tert-butyl ether	48	
75-34-3	1,1-Dichloroethane	46	
108-05-4	Vinyl acetate	48	
78-93-3	2-Butanone	41	
156-59-2	cis-1,2-Dichloroethene	48	
594-20-7	2,2-Dichloropropane	41	
74-97-5	Bromochloromethane	49	
67-66-3	Chloroform	48	
71-55-6	1,1,1-Trichloroethane	49	
563-58-6	1,1-Dichloropropene	48	
56-23-5	Carbon tetrachloride	49	
107-06-2	1,2-Dichloroethane	49	
71-43-2	Benzene	48	
79-01-6	Trichloroethene	48	
78-87-5	1,2-Dichloropropane	47	
74-95-3	Dibromomethane	49	
75-27-4	Bromodichloromethane	48	
10061-01-5	cis-1,3-Dichloropropene	47	
108-10-1	4-Methyl-2-pentanone	46	
108-88-3	Toluene	48	
10061-02-6	trans-1,3-Dichloropropene	47	
79-00-5	1,1,2-Trichloroethane	48	
142-28-9	1,3-Dichloropropane	48	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-49034

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: LCSD-49034

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0741.D

Level: (TRACE/LOW/MED) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 02/03/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	48	
591-78-6	2-Hexanone	44	
124-48-1	Dibromochloromethane	48	
106-93-4	1,2-Dibromoethane	49	
108-90-7	Chlorobenzene	48	
630-20-6	1,1,1,2-Tetrachloroethane	49	
100-41-4	Ethylbenzene	47	
1330-20-7	m,p-Xylene	95	
95-47-6	o-Xylene	48	
1330-20-7	Xylene (Total)	140	
100-42-5	Styrene	48	
75-25-2	Bromoform	49	
98-82-8	Isopropylbenzene	47	
79-34-5	1,1,2,2-Tetrachloroethane	47	
108-86-1	Bromobenzene	48	
96-18-4	1,2,3-Trichloropropane	46	
103-65-1	n-Propylbenzene	47	
95-49-8	2-Chlorotoluene	47	
108-67-8	1,3,5-Trimethylbenzene	47	
106-43-4	4-Chlorotoluene	47	
98-06-6	tert-Butylbenzene	47	
95-63-6	1,2,4-Trimethylbenzene	47	
135-98-8	sec-Butylbenzene	46	
99-87-6	4-Isopropyltoluene	47	
541-73-1	1,3-Dichlorobenzene	47	
106-46-7	1,4-Dichlorobenzene	47	
104-51-8	n-Butylbenzene	45	
95-50-1	1,2-Dichlorobenzene	48	
96-12-8	1,2-Dibromo-3-chloropropane	49	
120-82-1	1,2,4-Trichlorobenzene	48	
87-68-3	Hexachlorobutadiene	43	
87-61-6	1,2,3-Trichlorobenzene	49	
91-20-3	Naphthalene	47	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49055

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49055

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0774.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	57	
74-87-3	Chloromethane	60	
75-01-4	Vinyl chloride	59	
74-83-9	Bromomethane	58	
75-00-3	Chloroethane	59	
75-69-4	Trichlorofluoromethane	57	
75-35-4	1,1-Dichloroethene	60	
67-64-1	Acetone	57	
74-88-4	Iodomethane	60	
75-15-0	Carbon disulfide	58	
75-09-2	Methylene chloride	55	
156-60-5	trans-1,2-Dichloroethene	58	
1634-04-4	Methyl tert-butyl ether	50	
75-34-3	1,1-Dichloroethane	56	
108-05-4	Vinyl acetate	51	
78-93-3	2-Butanone	49	
156-59-2	cis-1,2-Dichloroethene	57	
594-20-7	2,2-Dichloropropane	59	
74-97-5	Bromochloromethane	55	
67-66-3	Chloroform	56	
71-55-6	1,1,1-Trichloroethane	59	
563-58-6	1,1-Dichloropropene	60	
56-23-5	Carbon tetrachloride	60	
107-06-2	1,2-Dichloroethane	51	
71-43-2	Benzene	57	
79-01-6	Trichloroethene	59	
78-87-5	1,2-Dichloropropane	56	
74-95-3	Dibromomethane	54	
75-27-4	Bromodichloromethane	53	
10061-01-5	cis-1,3-Dichloropropene	54	
108-10-1	4-Methyl-2-pentanone	46	
108-88-3	Toluene	58	
10061-02-6	trans-1,3-Dichloropropene	52	
79-00-5	1,1,2-Trichloroethane	51	
142-28-9	1,3-Dichloropropane	51	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49055

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49055

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0774.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	61	
591-78-6	2-Hexanone	49	
124-48-1	Dibromochloromethane	51	
106-93-4	1,2-Dibromoethane	53	
108-90-7	Chlorobenzene	57	
630-20-6	1,1,1,2-Tetrachloroethane	55	
100-41-4	Ethylbenzene	58	
1330-20-7	m,p-Xylene	120	
95-47-6	o-Xylene	58	
1330-20-7	Xylene (Total)	170	
100-42-5	Styrene	57	
75-25-2	Bromoform	52	
98-82-8	Isopropylbenzene	58	
79-34-5	1,1,2,2-Tetrachloroethane	48	
108-86-1	Bromobenzene	58	
96-18-4	1,2,3-Trichloropropane	50	
103-65-1	n-Propylbenzene	59	
95-49-8	2-Chlorotoluene	58	
108-67-8	1,3,5-Trimethylbenzene	57	
106-43-4	4-Chlorotoluene	57	
98-06-6	tert-Butylbenzene	58	
95-63-6	1,2,4-Trimethylbenzene	58	
135-98-8	sec-Butylbenzene	58	
99-87-6	4-Isopropyltoluene	58	
541-73-1	1,3-Dichlorobenzene	56	
106-46-7	1,4-Dichlorobenzene	56	
104-51-8	n-Butylbenzene	56	
95-50-1	1,2-Dichlorobenzene	55	
96-12-8	1,2-Dibromo-3-chloropropane	47	
120-82-1	1,2,4-Trichlorobenzene	49	
87-68-3	Hexachlorobutadiene	53	
87-61-6	1,2,3-Trichlorobenzene	42	
91-20-3	Naphthalene	42	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49067

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49067

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0805.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	43	
74-87-3	Chloromethane	53	
75-01-4	Vinyl chloride	53	
74-83-9	Bromomethane	52	
75-00-3	Chloroethane	52	
75-69-4	Trichlorofluoromethane	49	
75-35-4	1,1-Dichloroethene	54	
67-64-1	Acetone	25	
74-88-4	Iodomethane	53	
75-15-0	Carbon disulfide	51	
75-09-2	Methylene chloride	47	
156-60-5	trans-1,2-Dichloroethene	52	
1634-04-4	Methyl tert-butyl ether	42	
75-34-3	1,1-Dichloroethane	50	
108-05-4	Vinyl acetate	42	
78-93-3	2-Butanone	32	
156-59-2	cis-1,2-Dichloroethene	49	
594-20-7	2,2-Dichloropropane	40	
74-97-5	Bromochloromethane	46	
67-66-3	Chloroform	49	
71-55-6	1,1,1-Trichloroethane	53	
563-58-6	1,1-Dichloropropene	54	
56-23-5	Carbon tetrachloride	52	
107-06-2	1,2-Dichloroethane	44	
71-43-2	Benzene	50	
79-01-6	Trichloroethene	52	
78-87-5	1,2-Dichloropropane	46	
74-95-3	Dibromomethane	42	
75-27-4	Bromodichloromethane	47	
10061-01-5	cis-1,3-Dichloropropene	44	
108-10-1	4-Methyl-2-pentanone	37	
108-88-3	Toluene	52	
10061-02-6	trans-1,3-Dichloropropene	41	
79-00-5	1,1,2-Trichloroethane	43	
142-28-9	1,3-Dichloropropane	43	

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-49067

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-49067

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0805.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	57	
591-78-6	2-Hexanone	35	
124-48-1	Dibromochloromethane	45	
106-93-4	1,2-Dibromoethane	44	
108-90-7	Chlorobenzene	51	
630-20-6	1,1,1,2-Tetrachloroethane	48	
100-41-4	Ethylbenzene	53	
1330-20-7	m,p-Xylene	110	
95-47-6	o-Xylene	52	
1330-20-7	Xylene (Total)	160	
100-42-5	Styrene	51	
75-25-2	Bromoform	42	
98-82-8	Isopropylbenzene	52	
79-34-5	1,1,2,2-Tetrachloroethane	42	
108-86-1	Bromobenzene	50	
96-18-4	1,2,3-Trichloropropane	42	
103-65-1	n-Propylbenzene	54	
95-49-8	2-Chlorotoluene	53	
108-67-8	1,3,5-Trimethylbenzene	53	
106-43-4	4-Chlorotoluene	51	
98-06-6	tert-Butylbenzene	52	
95-63-6	1,2,4-Trimethylbenzene	52	
135-98-8	sec-Butylbenzene	53	
99-87-6	4-Isopropyltoluene	53	
541-73-1	1,3-Dichlorobenzene	50	
106-46-7	1,4-Dichlorobenzene	50	
104-51-8	n-Butylbenzene	50	
95-50-1	1,2-Dichlorobenzene	49	
96-12-8	1,2-Dibromo-3-chloropropane	39	
120-82-1	1,2,4-Trichlorobenzene	43	
87-68-3	Hexachlorobutadiene	47	
87-61-6	1,2,3-Trichlorobenzene	37	
91-20-3	Naphthalene	36	

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-01

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: J0150-01C

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

Lab File ID: S1G2071.D

Level: (LOW/MED) LOW

Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N)

Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL)

Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00

Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2071.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-02

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-02C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2072.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-02

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-02C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2072.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-03

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2073.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-03

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2073.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-04

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-04C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2074.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-04

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-04C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2074.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-05

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-05C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2075.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-05

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-05C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2075.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2076.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

.1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2076.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06MS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMS

Sample wt/vol: 500 (g/mL) ML Lab File ID: S1G2077.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 500 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	24	
111-44-4	Bis(2-chloroethyl)ether	36	
95-57-8	2-Chlorophenol	37	
541-73-1	1,3-Dichlorobenzene	35	
106-46-7	1,4-Dichlorobenzene	36	
95-50-1	1,2-Dichlorobenzene	35	
95-48-7	2-Methylphenol	37	
108-60-1	2,2´-oxybis(1-Chloropropane)	37	
106-44-5	4-Methylphenol	34	
621-64-7	N-Nitroso-di-n-propylamine	38	
67-72-1	Hexachloroethane	38	
98-95-3	Nitrobenzene	36	
78-59-1	Isophorone	37	
88-75-5	2-Nitrophenol	38	
105-67-9	2,4-Dimethylphenol	42	
120-83-2	2,4-Dichlorophenol	39	
120-82-1	1,2,4-Trichlorobenzene	36	
91-20-3	Naphthalene	37	
106-47-8	4-Chloroaniline	36	
111-91-1	Bis(2-chloroethoxy)methane	35	
87-68-3	Hexachlorobutadiene	41	
59-50-7	4-Chloro-3-methylphenol	39	
91-57-6	2-Methylnaphthalene	35	
77-47-4	Hexachlorocyclopentadiene	43	
88-06-2	2,4,6-Trichlorophenol	38	
95-95-4	2,4,5-Trichlorophenol	38	
91-58-7	2-Chloronaphthalene	37	
88-74-4	2-Nitroaniline	40	
131-11-3	Dimethylphthalate	40	
208-96-8	Acenaphthylene	37	
606-20-2	2,6-Dinitrotoluene	40	
99-09-2	3-Nitroaniline	28	
83-32-9	Acenaphthene	37	
51-28-5	2,4-Dinitrophenol	5.5	J
100-02-7	4-Nitrophenol	13	J
132-64-9	Dibenzofuran	42	
121-14-2	2,4-Dinitrotoluene	40	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06MS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMS

Sample wt/vol: 500 (g/mL) ML Lab File ID: S1G2077.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 500 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	39	
7005-72-3	4-Chlorophenyl-phenylether	40	
86-73-7	Fluorene	39	
100-01-6	4-Nitroaniline	25	
534-52-1	4,6-Dinitro-2-methylphenol	31	
86-30-6	N-Nitrosodiphenylamine	41	
101-55-3	4-Bromophenyl-phenylether	43	
118-74-1	Hexachlorobenzene	39	
87-86-5	Pentachlorophenol	38	
85-01-8	Phenanthrene	42	
120-12-7	Anthracene	43	
86-74-8	Carbazole	39	
84-74-2	Di-n-butylphthalate	38	
206-44-0	Fluoranthene	39	
129-00-0	Pyrene	36	
85-68-7	Butylbenzylphthalate	41	
91-94-1	3,3´-Dichlorobenzidine	8.4	J
56-55-3	Benzo(a)anthracene	38	
218-01-9	Chrysene	41	
117-81-7	Bis(2-ethylhexyl)phthalate	39	
117-84-0	Di-n-octylphthalate	49	
205-99-2	Benzo(b)fluoranthene	45	
207-08-9	Benzo(k)fluoranthene	37	
50-32-8	Benzo(a)pyrene	41	
193-39-5	Indeno(1,2,3-cd)pyrene	34	
53-70-3	Dibenzo(a,h)anthracene	34	
191-24-2	Benzo(g,h,i)perylene	33	

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06M SD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: S1G2078.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 500 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	21	
111-44-4	Bis(2-chloroethyl)ether	33	
95-57-8	2-Chlorophenol	32	
541-73-1	1,3-Dichlorobenzene	31	
106-46-7	1,4-Dichlorobenzene	31	
95-50-1	1,2-Dichlorobenzene	32	
95-48-7	2-Methylphenol	35	
108-60-1	2,2´-oxybis(1-Chloropropane)	34	
106-44-5	4-Methylphenol	34	
621-64-7	N-Nitroso-di-n-propylamine	36	
67-72-1	Hexachloroethane	33	
98-95-3	Nitrobenzene	37	
78-59-1	Isophorone	35	
88-75-5	2-Nitrophenol	33	
105-67-9	2,4-Dimethylphenol	45	
120-83-2	2,4-Dichlorophenol	36	
120-82-1	1,2,4-Trichlorobenzene	37	
91-20-3	Naphthalene	37	
106-47-8	4-Chloroaniline	31	
111-91-1	Bis(2-chloroethoxy)methane	36	
87-68-3	Hexachlorobutadiene	39	
59-50-7	4-Chloro-3-methylphenol	38	
91-57-6	2-Methylnaphthalene	38	
77-47-4	Hexachlorocyclopentadiene	44	
88-06-2	2,4,6-Trichlorophenol	31	
95-95-4	2,4,5-Trichlorophenol	36	
91-58-7	2-Chloronaphthalene	37	
88-74-4	2-Nitroaniline	37	
131-11-3	Dimethylphthalate	36	
208-96-8	Acenaphthylene	38	
606-20-2	2,6-Dinitrotoluene	36	
99-09-2	3-Nitroaniline	25	
83-32-9	Acenaphthene	39	
51-28-5	2,4-Dinitrophenol	1.9	J
100-02-7	4-Nitrophenol	6.3	J
132-64-9	Dibenzofuran	38	
121-14-2	2,4-Dinitrotoluene	38	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06M SD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: S1G2078.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 500 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	39	
7005-72-3	4-Chlorophenyl-phenylether	36	
86-73-7	Fluorene	38	
100-01-6	4-Nitroaniline	24	
534-52-1	4,6-Dinitro-2-methylphenol	15	J
86-30-6	N-Nitrosodiphenylamine	40	
101-55-3	4-Bromophenyl-phenylether	41	
118-74-1	Hexachlorobenzene	39	
87-86-5	Pentachlorophenol	19	J
85-01-8	Phenanthrene	38	
120-12-7	Anthracene	39	
86-74-8	Carbazole	39	
84-74-2	Di-n-butylphthalate	37	
206-44-0	Fluoranthene	39	
129-00-0	Pyrene	44	
85-68-7	Butylbenzylphthalate	38	
91-94-1	3,3´-Dichlorobenzidine	8.8	J
56-55-3	Benzo(a)anthracene	39	
218-01-9	Chrysene	42	
117-81-7	Bis(2-ethylhexyl)phthalate	43	
117-84-0	Di-n-octylphthalate	42	
205-99-2	Benzo(b)fluoranthene	38	
207-08-9	Benzo(k)fluoranthene	46	
50-32-8	Benzo(a)pyrene	40	
193-39-5	Indeno(1,2,3-cd)pyrene	31	
53-70-3	Dibenzo(a,h)anthracene	30	
191-24-2	Benzo(g,h,i)perylene	31	

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-07

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-07C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2079.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-07

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-07C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2079.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-DUP 01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-08C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2080.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-DUP 01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-08C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2080.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/10/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-48991

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-48991

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2066.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

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

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	18	
111-44-4	Bis(2-chloroethyl)ether	42	
95-57-8	2-Chlorophenol	40	
541-73-1	1,3-Dichlorobenzene	40	
106-46-7	1,4-Dichlorobenzene	40	
95-50-1	1,2-Dichlorobenzene	40	
95-48-7	2-Methylphenol	38	
108-60-1	2,2´-oxybis(1-Chloropropane)	40	
106-44-5	4-Methylphenol	32	
621-64-7	N-Nitroso-di-n-propylamine	40	
67-72-1	Hexachloroethane	42	
98-95-3	Nitrobenzene	41	
78-59-1	Isophorone	39	
88-75-5	2-Nitrophenol	43	
105-67-9	2,4-Dimethylphenol	45	
120-83-2	2,4-Dichlorophenol	44	
120-82-1	1,2,4-Trichlorobenzene	43	
91-20-3	Naphthalene	41	
106-47-8	4-Chloroaniline	39	
111-91-1	Bis(2-chloroethoxy)methane	39	
87-68-3	Hexachlorobutadiene	46	
59-50-7	4-Chloro-3-methylphenol	43	
91-57-6	2-Methylnaphthalene	40	
77-47-4	Hexachlorocyclopentadiene	53	
88-06-2	2,4,6-Trichlorophenol	42	
95-95-4	2,4,5-Trichlorophenol	42	
91-58-7	2-Chloronaphthalene	44	
88-74-4	2-Nitroaniline	42	
131-11-3	Dimethylphthalate	42	
208-96-8	Acenaphthylene	41	
606-20-2	2,6-Dinitrotoluene	43	
99-09-2	3-Nitroaniline	35	
83-32-9	Acenaphthene	43	
51-28-5	2,4-Dinitrophenol	32	
100-02-7	4-Nitrophenol	18	J
132-64-9	Dibenzofuran	43	
121-14-2	2,4-Dinitrotoluene	45	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-48991

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-48991

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2066.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

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

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	45	
7005-72-3	4-Chlorophenyl-phenylether	42	
86-73-7	Fluorene	42	
100-01-6	4-Nitroaniline	28	
534-52-1	4,6-Dinitro-2-methylphenol	38	
86-30-6	N-Nitrosodiphenylamine	44	
101-55-3	4-Bromophenyl-phenylether	45	
118-74-1	Hexachlorobenzene	41	
87-86-5	Pentachlorophenol	46	
85-01-8	Phenanthrene	43	
120-12-7	Anthracene	46	
86-74-8	Carbazole	42	
84-74-2	Di-n-butylphthalate	41	
206-44-0	Fluoranthene	43	
129-00-0	Pyrene	46	
85-68-7	Butylbenzylphthalate	45	
91-94-1	3,3´-Dichlorobenzidine	22	
56-55-3	Benzo(a)anthracene	46	
218-01-9	Chrysene	47	
117-81-7	Bis(2-ethylhexyl)phthalate	43	
117-84-0	Di-n-octylphthalate	46	
205-99-2	Benzo(b)fluoranthene	43	
207-08-9	Benzo(k)fluoranthene	48	
50-32-8	Benzo(a)pyrene	48	
193-39-5	Indeno(1,2,3-cd)pyrene	44	
53-70-3	Dibenzo(a,h)anthracene	45	
191-24-2	Benzo(g,h,i)perylene	43	

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5617F.D/E4F5617R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-02

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-02C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5618F.D/E4F5618R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-03

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5619F.D/E4F5619R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-04

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-04C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5620F.D/E4F5620R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-05

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-05C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5621F.D/E4F5621R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5622F.D/E4F5622R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-07

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-07C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5625F.D/E4F5625R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-DUP 01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-08C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5626F.D/E4F5626R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
7-34-074-SW2-06MS(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMS

Sample wt/vol: 500 (g/mL) ML Lab File ID: E4F5623F.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.19	
319-85-7	beta-BHC	0.19	
319-86-8	delta-BHC	0.21	
58-89-9	gamma-BHC (Lindane)	0.19	
76-44-8	Heptachlor	0.18	
309-00-2	Aldrin	0.19	
1024-57-3	Heptachlor epoxide	0.18	
959-98-8	Endosulfan I	0.16	
60-57-1	Dieldrin	0.38	
72-55-9	4,4´-DDE	0.38	
72-20-8	Endrin	0.39	
33213-65-9	Endosulfan II	0.35	
72-54-8	4,4´-DDD	0.40	
1031-07-8	Endosulfan sulfate	0.40	
50-29-3	4,4´-DDT	0.40	
72-43-5	Methoxychlor	2.1	
53494-70-5	Endrin ketone	0.40	
7421-93-4	Endrin aldehyde	0.38	
5103-71-9	alpha-Chlordane	0.18	
5103-74-2	gamma-Chlordane	0.19	P
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
7-34-074-SW2-06MS(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMS

Sample wt/vol: 500 (g/mL) ML Lab File ID: E4F5623R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.19	
319-85-7	beta-BHC	0.21	
319-86-8	delta-BHC	0.22	
58-89-9	gamma-BHC (Lindane)	0.20	
76-44-8	Heptachlor	0.20	
309-00-2	Aldrin	0.18	
1024-57-3	Heptachlor epoxide	0.20	
959-98-8	Endosulfan I	0.17	
60-57-1	Dieldrin	0.42	
72-55-9	4,4´-DDE	0.42	
72-20-8	Endrin	0.43	
33213-65-9	Endosulfan II	0.39	
72-54-8	4,4´-DDD	0.43	
1031-07-8	Endosulfan sulfate	0.41	
50-29-3	4,4´-DDT	0.42	
72-43-5	Methoxychlor	2.3	
53494-70-5	Endrin ketone	0.40	
7421-93-4	Endrin aldehyde	0.40	
5103-71-9	alpha-Chlordane	0.19	
5103-74-2	gamma-Chlordane	0.35	P
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

7-34-074-SW2-06M SD(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: E4F5624F.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.19	
319-85-7	beta-BHC	0.20	
319-86-8	delta-BHC	0.22	
58-89-9	gamma-BHC (Lindane)	0.19	
76-44-8	Heptachlor	0.19	
309-00-2	Aldrin	0.21	
1024-57-3	Heptachlor epoxide	0.20	
959-98-8	Endosulfan I	0.17	
60-57-1	Dieldrin	0.39	
72-55-9	4,4´-DDE	0.41	
72-20-8	Endrin	0.41	
33213-65-9	Endosulfan II	0.38	
72-54-8	4,4´-DDD	0.44	
1031-07-8	Endosulfan sulfate	0.43	
50-29-3	4,4´-DDT	0.44	
72-43-5	Methoxychlor	2.2	
53494-70-5	Endrin ketone	0.42	
7421-93-4	Endrin aldehyde	0.40	
5103-71-9	alpha-Chlordane	0.19	
5103-74-2	gamma-Chlordane	0.21	
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
7-34-074-SW2-06M SD(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: E4F5624R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.19	
319-85-7	beta-BHC	0.23	
319-86-8	delta-BHC	0.23	
58-89-9	gamma-BHC (Lindane)	0.20	
76-44-8	Heptachlor	0.20	
309-00-2	Aldrin	0.19	
1024-57-3	Heptachlor epoxide	0.24	
959-98-8	Endosulfan I	0.17	
60-57-1	Dieldrin	0.45	
72-55-9	4,4´-DDE	0.46	
72-20-8	Endrin	0.44	
33213-65-9	Endosulfan II	0.43	
72-54-8	4,4´-DDD	0.47	
1031-07-8	Endosulfan sulfate	0.43	
50-29-3	4,4´-DDT	0.45	
72-43-5	Methoxychlor	2.4	
53494-70-5	Endrin ketone	0.42	
7421-93-4	Endrin aldehyde	0.42	
5103-71-9	alpha-Chlordane	0.20	
5103-74-2	gamma-Chlordane	0.27	
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-48931(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-48931

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5616F.D

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

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.17	
319-85-7	beta-BHC	0.18	
319-86-8	delta-BHC	0.20	
58-89-9	gamma-BHC (Lindane)	0.17	
76-44-8	Heptachlor	0.16	
309-00-2	Aldrin	0.15	
1024-57-3	Heptachlor epoxide	0.17	
959-98-8	Endosulfan I	0.15	
60-57-1	Dieldrin	0.34	
72-55-9	4,4´-DDE	0.34	
72-20-8	Endrin	0.35	
33213-65-9	Endosulfan II	0.35	
72-54-8	4,4´-DDD	0.35	
1031-07-8	Endosulfan sulfate	0.41	
50-29-3	4,4´-DDT	0.35	
72-43-5	Methoxychlor	1.8	
53494-70-5	Endrin ketone	0.40	
7421-93-4	Endrin aldehyde	0.39	
5103-71-9	alpha-Chlordane	0.16	
5103-74-2	gamma-Chlordane	0.17	P
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-48931(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-48931

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5616R.D

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

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.18	
319-85-7	beta-BHC	0.21	
319-86-8	delta-BHC	0.20	
58-89-9	gamma-BHC (Lindane)	0.19	
76-44-8	Heptachlor	0.16	
309-00-2	Aldrin	0.16	
1024-57-3	Heptachlor epoxide	0.18	
959-98-8	Endosulfan I	0.15	
60-57-1	Dieldrin	0.36	
72-55-9	4,4´-DDE	0.35	
72-20-8	Endrin	0.36	
33213-65-9	Endosulfan II	0.36	
72-54-8	4,4´-DDD	0.36	
1031-07-8	Endosulfan sulfate	0.40	
50-29-3	4,4´-DDT	0.36	
72-43-5	Methoxychlor	1.9	
53494-70-5	Endrin ketone	0.40	
7421-93-4	Endrin aldehyde	0.40	
5103-71-9	alpha-Chlordane	0.17	
5103-74-2	gamma-Chlordane	0.24	P
8001-35-2	Toxaphene	5.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0713F.D/E2J0713R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	3.1	
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-02

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-02C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0714F.D/E2J0714R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	3.1	
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-03

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0715F.D/E2J0715R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-04

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-04C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0716F.D/E2J0716R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-05

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-05C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0717F.D/E2J0717R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.1	
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-06

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0718F.D/E2J0718R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-07

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-07C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0721F.D/E2J0721R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.8	
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-DUP 01

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-08C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0722F.D/E2J0722R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-06MS(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMS

Sample wt/vol: 500 (g/mL) ML Lab File ID: E2J0719F.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	4.0	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.8	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-06MS(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMS

Sample wt/vol: 500 (g/mL) ML Lab File ID: E2J0719R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	4.3	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.7	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-06M SD(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: E2J0720F.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	3.7	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.8	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-06M SD(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: J0150-06CMSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: E2J0720R.D

% Moisture: Decanted: (Y/N) Date Received: 01/27/2010

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	3.8	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.7	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCS-48930(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-48930

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0743F.D

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

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	3.5	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.3	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCS-48930(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-48930

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0743R.D

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

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	3.5	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.2	

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-01

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-01

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	242			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	84.3	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	135000			P
7440-47-3	Chromium	8.0	B		P
7440-48-4	Cobalt	1.0	B		P
7440-50-8	Copper	26.3	B		P
7439-89-6	Iron	2670			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	16100		E	P
7439-96-5	Manganese	319			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	47.2	B		P
7440-09-7	Potassium	3230			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	331000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.3	B		P
7440-66-6	Zinc	133			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-02

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-02

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	157	B		P
7440-36-0	Antimony	4.8	B		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	107	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	139000			P
7440-47-3	Chromium	10.7	B		P
7440-48-4	Cobalt	1.1	B		P
7440-50-8	Copper	26.3	B		P
7439-89-6	Iron	2610			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	19900		E	P
7439-96-5	Manganese	1030			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	28.2	B		P
7440-09-7	Potassium	3510			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	228000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.0	B		P
7440-66-6	Zinc	54.5			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-03

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-03

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	91.3	B		P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	94.8	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	168000			P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	0.67	U		P
7440-50-8	Copper	10.3	B		P
7439-89-6	Iron	608			P
7439-92-1	Lead	3.1	B		P
7439-95-4	Magnesium	32200		E	P
7439-96-5	Manganese	214			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	6.0	B		P
7440-09-7	Potassium	3980			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	401000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	0.80	B		P
7440-66-6	Zinc	41.0	B		P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-04

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-04

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	442			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	59.2	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	71800			P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	0.67	U		P
7440-50-8	Copper	8.3	B		P
7439-89-6	Iron	1200			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	14200		E	P
7439-96-5	Manganese	204			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	2.4	B		P
7440-09-7	Potassium	3210			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	172000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.4	B		P
7440-66-6	Zinc	31.8	B		P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-05

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-05

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	472			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	58.6	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	68800			P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	0.67	U		P
7440-50-8	Copper	7.6	B		P
7439-89-6	Iron	1260			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	13800		E	P
7439-96-5	Manganese	223			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	2.4	B		P
7440-09-7	Potassium	3110			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	166000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.3	B		P
7440-66-6	Zinc	32.2	B		P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-06

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-06

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	203			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	92.9	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	169000			P
7440-47-3	Chromium	2.9	B		P
7440-48-4	Cobalt	0.67	U		P
7440-50-8	Copper	14.1	B		P
7439-89-6	Iron	837			P
7439-92-1	Lead	6.9	B		P
7439-95-4	Magnesium	32900		E	P
7439-96-5	Manganese	236			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	5.9	B		P
7440-09-7	Potassium	3930			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	348000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.2	B		P
7440-66-6	Zinc	60.8			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-07

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-07

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	B		P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.6	B		P
7440-39-3	Barium	95.0	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	170000			P
7440-47-3	Chromium	3.1	B		P
7440-48-4	Cobalt	0.81	B		P
7440-50-8	Copper	14.2	B		P
7439-89-6	Iron	856			P
7439-92-1	Lead	9.3	B		P
7439-95-4	Magnesium	33000		E	P
7439-96-5	Manganese	213			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	6.0	B		P
7440-09-7	Potassium	3980			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	355000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.4	B		P
7440-66-6	Zinc	53.5			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

7-34-074-SW2-DUP01

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Lab Sample ID: J0150-08

Level (low/med): MED Date Received: 01/27/2010

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	473			P
7440-36-0	Antimony	4.2	U		P
7440-38-2	Arsenic	3.1	U		P
7440-39-3	Barium	58.0	B		P
7440-41-7	Beryllium	0.037	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	68700			P
7440-47-3	Chromium	1.5	B		P
7440-48-4	Cobalt	0.76	B		P
7440-50-8	Copper	7.8	B		P
7439-89-6	Iron	1260			P
7439-92-1	Lead	2.1	U		P
7439-95-4	Magnesium	13800		E	P
7439-96-5	Manganese	196			P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	2.1	B		P
7440-09-7	Potassium	3110			P
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium	162000			P
7440-28-0	Thallium	5.7	U		P
7440-62-2	Vanadium	1.6	B		P
7440-66-6	Zinc	29.6	B		P

Comments:

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-49217

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Aluminum	9100.0	9233.03	101.5						
Antimony	455.0	527.35	115.9						
Arsenic	455.0	490.70	107.8						
Barium	9100.0	9526.15	104.7						
Beryllium	227.0	239.59	105.5						
Cadmium	227.0	252.71	111.3						
Calcium	22700.0	22752.09	100.2						
Chromium	910.0	940.84	103.4						
Cobalt	2270.0	2422.88	106.7						
Copper	1130.0	1166.62	103.2						
Iron	4550.0	4767.95	104.8						
Lead	455.0	502.10	110.4						
Magnesium	22700.0	23483.44	103.5						
Manganese	2270.0	2450.58	108.0						
Nickel	2270.0	2415.48	106.4						
Potassium	22700.0	22944.70	101.1						
Selenium	455.0	487.78	107.2						
Silver	1130.0	1244.90	110.2						
Sodium	22700.0	22998.82	101.3						
Thallium	455.0	473.51	104.1						
Vanadium	2270.0	2380.69	104.9						
Zinc	2270.0	2444.48	107.7						

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Solid LCS Source: LCS(D) ID:

Aqueous LCS Source: LCS-49219

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Mercury	4.6	4.89	106.3						

2B - FORM II VOA-2

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Level: (TRACE or LOW) LOW

	CLIENT SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
01	LCS-49034	102	105	98	98				0
02	LCS-49034	102	106	98	98				0
03	LCSD-49034	104	105	98	100				0
04	LCSD-49034	104	104	98	100				0
05	MB-49034	104	103	98	97				0
06	MB-49034	103	103	98	97				0
07	7-34-074-SW2-01	96	88	98	90				0
08	7-34-074-SW2-02	97	94	98	92				0
09	7-34-074-SW2-03	97	93	99	91				0
10	7-34-074-SW2-04	96	88	98	91				0
11	LCS-49055	99	101	99	95				0
12	MB-49055	98	97	99	95				0
13	7-34-074-SW2-05	97	90	100	93				0
14	7-34-074-SW2-06	97	92	100	95				0
15	7-34-074-SW2-06MS	98	87	101	93				0
16	7-34-074-SW2-06MSD	98	95	98	94				0
17	LCS-49067	96	87	101	93				0
18	MB-49067	94	87	101	93				0
19	TRIP BLANK	97	89	100	92				0
20	7-34-074-SW2-07	97	90	100	92				0
21	7-34-074-SW2-DUP01	99	91	101	92				0

		QC LIMITS
VDMC1	(DBFM) Dibromofluoromethane	(85-115)
VDMC2	(DCE) =1,2-Dichloroethane-d4	(70-120)
VDMC3	(TOL) =Toluene-d8	(85-120)
VDMC4	(BFB) =Bromofluorobenzene	(75-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

SOM_002

SW846

2H - FORM II SV-2

WATER SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

	CLIENT SAMPLE NO.	SDMC1 (NBZ) #	SDMC2 (FBP) #	SDMC3 (TPH) #	SDMC4 (PHL) #	SDMC5 (2FP) #	SDMC6 (TBP) #			TOT OUT
01	MB-48991	80	79	87	33	49	80			0
02	LCS-48991	85	90	92	35	53	86			0
03	7-34-074-SW2-01	65	67	73	28	40	75			0
04	7-34-074-SW2-02	75	73	75	30	42	72			0
05	7-34-074-SW2-03	81	78	88	31	28	58			0
06	7-34-074-SW2-04	77	77	84	32	46	77			0
07	7-34-074-SW2-05	53	60	78	23	33	66			0
08	7-34-074-SW2-06	79	81	77	31	27	52			0
09	7-34-074-SW2-06MS	80	84	87	49	61	86			0
10	7-34-074-SW2-06MSD	81	82	92	47	52	80			0
11	7-34-074-SW2-07	81	79	85	30	34	66			0
12	7-34-074-SW2-DUP01	78	84	96	29	41	84			0

			QC LIMITS
SDMC1	(NBZ)	= Nitrobenzene-d5	(40-110)
SDMC2	(FBP)	= 2-Fluorobiphenyl	(50-110)
SDMC3	(TPH)	= Terphenyl-d14	(50-135)
SDMC4	(PHL)	= Phenol-d5	(10-115)
SDMC5	(2FP)	= 2-Fluorophenol	(20-110)
SDMC6	(TBP)	= 2,4,6-Tribromophenol	(40-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

SOM_002

SW846

2N - FORM II PEST-1

WATER PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MB-48931	83	85	78	78			0
02	LCS-48931	75	77	65	65			0
03	7-34-074-SW2-01	90	92	67	70			0
04	7-34-074-SW2-02	133	132	93	100			0
05	7-34-074-SW2-03	87	88	70	72			0
06	7-34-074-SW2-04	86	86	69	70			0
07	7-34-074-SW2-05	89	91	77	78			0
08	7-34-074-SW2-06	86	88	78	80			0
09	7-34-074-SW2-06MS	95	97	92	97			0
10	7-34-074-SW2-06MSD	87	90	94	99			0
11	7-34-074-SW2-07	79	79	69	72			0
12	7-34-074-SW2-DUP01	91	92	71	72			0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(25-140)
DCB = Decachlorobiphenyl	(30-135)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

SOM_002

SW846

2Q - FORM II ARO-1

WATER AROCLOR SURROGATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	7-34-074-SW2-01	87	84	65	64			0
02	7-34-074-SW2-02	87	84	64	63			0
03	7-34-074-SW2-03	87	86	70	69			0
04	7-34-074-SW2-04	84	83	68	66			0
05	7-34-074-SW2-05	87	87	75	74			0
06	7-34-074-SW2-06	84	84	76	75			0
07	7-34-074-SW2-06MS	84	85	81	80			0
08	7-34-074-SW2-06MSD	85	86	81	79			0
09	7-34-074-SW2-07	77	79	70	70			0
10	7-34-074-SW2-DUP01	83	83	66	65			0
11	MB-48930	86	87	80	79			0
12	LCS-48930	86	87	75	74			0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(21-140)
DCB = Decachlorobiphenyl	(40-135)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

SOM_002

SW846

3A - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: V1 GC Column : DB-624 ID: 0.25 (mm)

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	44.5305	89		30-155
Chloromethane	50.0000	0.0000	46.3054	93		40-125
Vinyl chloride	50.0000	0.0000	46.5399	93		50-145
Bromomethane	50.0000	0.0000	45.9480	92		30-145
Chloroethane	50.0000	0.0000	45.6154	91		60-135
Trichlorofluoromethane	50.0000	0.0000	43.7957	88		60-145
1,1-Dichloroethene	50.0000	0.0000	47.8490	96		70-130
Acetone	50.0000	0.0000	28.3328	57		40-140
Iodomethane	50.0000	0.0000	46.4908	93		72-121
Carbon disulfide	50.0000	0.0000	44.7594	90		35-160
Methylene chloride	50.0000	0.0000	41.0207	82		55-140
trans-1,2-Dichloroethene	50.0000	0.0000	44.8631	90		60-140
Methyl tert-butyl ether	50.0000	0.0000	37.8610	76		65-125
1,1-Dichloroethane	50.0000	0.0000	43.7778	88		70-135
Vinyl acetate	50.0000	0.0000	36.1111	72		38-163
2-Butanone	50.0000	0.0000	30.2309	60		30-150
cis-1,2-Dichloroethene	50.0000	0.0000	43.6904	87		70-125
2,2-Dichloropropane	50.0000	0.0000	40.2267	80		70-135
Bromochloromethane	50.0000	0.0000	40.8201	82		65-130
Chloroform	50.0000	0.0000	42.7021	85		65-135
1,1,1-Trichloroethane	50.0000	0.0000	44.7274	89		65-130
1,1-Dichloropropene	50.0000	0.0000	45.2633	91		75-130
Carbon tetrachloride	50.0000	0.0000	44.5964	89		65-140
1,2-Dichloroethane	50.0000	0.0000	38.0566	76		70-130
Benzene	50.0000	0.0000	44.9668	90		80-120
Trichloroethene	50.0000	0.0000	45.4584	91		70-125
1,2-Dichloropropane	50.0000	0.0000	41.9765	84		75-125
Dibromomethane	50.0000	0.0000	39.7046	79		75-125
Bromodichloromethane	50.0000	0.0000	41.7828	84		75-120
cis-1,3-Dichloropropene	50.0000	0.0000	39.2630	79		70-130
4-Methyl-2-pentanone	50.0000	0.0000	33.2412	66		60-135
Toluene	50.0000	0.0000	46.4760	93		75-120
trans-1,3-Dichloropropene	50.0000	0.0000	36.2821	73		55-140
1,1,2-Trichloroethane	50.0000	0.0000	37.4186	75	*	75-125
1,3-Dichloropropane	50.0000	0.0000	39.3876	79		75-125
Tetrachloroethene	50.0000	0.0000	47.4739	95		45-150
2-Hexanone	50.0000	0.0000	30.3181	61		55-130
Dibromochloromethane	50.0000	0.0000	39.9111	80		60-135
1,2-Dibromoethane	50.0000	0.0000	39.2571	79	*	80-120
Chlorobenzene	50.0000	0.0000	44.3123	89		80-120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	42.0788	84		80-130
Ethylbenzene	50.0000	0.0000	45.9629	92		75-125
m,p-Xylene	100.0000	0.0000	91.9027	92		75-130
o-Xylene	50.0000	0.0000	46.2141	92		80-120

3A - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: V1 GC Column : DB-624 ID: 0.25 (mm)

Xylene (Total)	150.0000	0.0000	138.1168	92		81-121
Styrene	50.0000	0.0000	44.1993	88		65-135
Bromoform	50.0000	0.0000	37.5688	75		70-130
Isopropylbenzene	50.0000	0.0000	44.8772	90		75-125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	36.3927	73		65-130
Bromobenzene	50.0000	0.0000	44.0999	88		75-125
1,2,3-Trichloropropane	50.0000	0.0000	36.0458	72	*	75-125
n-Propylbenzene	50.0000	0.0000	45.8440	92		70-130
2-Chlorotoluene	50.0000	0.0000	45.6674	91		75-125
1,3,5-Trimethylbenzene	50.0000	0.0000	44.6624	89		75-130
4-Chlorotoluene	50.0000	0.0000	44.6554	89		75-130
tert-Butylbenzene	50.0000	0.0000	43.8557	88		70-130
1,2,4-Trimethylbenzene	50.0000	0.0000	45.0574	90		75-130
sec-Butylbenzene	50.0000	0.0000	42.3512	85		70-125
4-Isopropyltoluene	50.0000	0.0000	42.3613	85		75-130
1,3-Dichlorobenzene	50.0000	0.0000	43.2916	87		75-125
1,4-Dichlorobenzene	50.0000	0.0000	42.5961	85		75-125
n-Butylbenzene	50.0000	0.0000	40.1025	80		70-135
1,2-Dichlorobenzene	50.0000	0.0000	40.9795	82		70-120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	34.8134	70		50-130
1,2,4-Trichlorobenzene	50.0000	0.0000	33.9570	68		65-135
Hexachlorobutadiene	50.0000	0.0000	32.8806	66		50-140
1,2,3-Trichlorobenzene	50.0000	0.0000	26.8990	54	*	55-140
Naphthalene	50.0000	0.0000	28.7411	57		55-140

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	50.0000	48.3253	97		8		0-40	30-155
Chloromethane	50.0000	56.9143	114		21		0-40	40-125
Vinyl chloride	50.0000	57.9017	116		22		0-40	50-145
Bromomethane	50.0000	55.8787	112		20		0-40	30-145
Chloroethane	50.0000	57.2439	114		23		0-40	60-135
Trichlorofluoromethane	50.0000	54.1871	108		21		0-40	60-145
1,1-Dichloroethene	50.0000	56.8565	114		17		0-40	70-130
Acetone	50.0000	29.0251	58		2		0-40	40-140
Iodomethane	50.0000	56.7647	114		20		0-40	72-121
Carbon disulfide	50.0000	55.3089	111		21		0-40	35-160
Methylene chloride	50.0000	52.0484	104		24		0-40	55-140
trans-1,2-Dichloroethene	50.0000	56.3933	113		23		0-40	60-140
Methyl tert-butyl ether	50.0000	47.0345	94		22		0-40	65-125
1,1-Dichloroethane	50.0000	52.8004	106		19		0-40	70-135
Vinyl acetate	50.0000	44.3997	89		21		0-40	38-163
2-Butanone	50.0000	37.2290	74		21		0-40	30-150
cis-1,2-Dichloroethene	50.0000	55.0402	110		23		0-40	70-125
2,2-Dichloropropane	50.0000	49.9464	100		22		0-40	70-135
Bromochloromethane	50.0000	50.0228	100		20		0-40	65-130

3A - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: V1 GC Column : DB-624 ID: 0.25 (mm)

Chloroform	50.0000	52.7280	105		21		0-40	65-135
1,1,1-Trichloroethane	50.0000	56.0166	112		22		0-40	65-130
1,1-Dichloropropene	50.0000	54.7837	110		19		0-40	75-130
Carbon tetrachloride	50.0000	55.5555	111		22		0-40	65-140
1,2-Dichloroethane	50.0000	46.5174	93		20		0-40	70-130
Benzene	50.0000	54.7175	109		20		0-40	80-120
Trichloroethene	50.0000	55.1263	110		19		0-40	70-125
1,2-Dichloropropane	50.0000	50.4777	101		18		0-40	75-125
Dibromomethane	50.0000	47.2510	95		17		0-40	75-125
Bromodichloromethane	50.0000	49.6312	99		17		0-40	75-120
cis-1,3-Dichloropropene	50.0000	48.0195	96		20		0-40	70-130
4-Methyl-2-pentanone	50.0000	41.8955	84		23		0-40	60-135
Toluene	50.0000	57.0162	114		20		0-40	75-120
trans-1,3-Dichloropropene	50.0000	45.7654	92		23		0-40	55-140
1,1,2-Trichloroethane	50.0000	46.4172	93		21		0-40	75-125
1,3-Dichloropropane	50.0000	44.0684	88		11		0-40	75-125
Tetrachloroethene	50.0000	54.8684	110		14		0-40	45-150
2-Hexanone	50.0000	36.9352	74		20		0-40	55-130
Dibromochloromethane	50.0000	46.0484	92		14		0-40	60-135
1,2-Dibromoethane	50.0000	45.3581	91		14		0-40	80-120
Chlorobenzene	50.0000	53.0360	106		18		0-40	80-120
1,1,1,2-Tetrachloroethane	50.0000	49.7094	99		17		0-40	80-130
Ethylbenzene	50.0000	55.2624	111		18		0-40	75-125
m,p-Xylene	100.0000	109.5926	110		18		0-40	75-130
o-Xylene	50.0000	53.5659	107		15		0-40	80-120
Xylene (Total)	150.0000	163.1585	109		17		0-40	81-121
Styrene	50.0000	51.7568	104		16		0-40	65-135
Bromoform	50.0000	44.5289	89		17		0-40	70-130
Isopropylbenzene	50.0000	53.7617	108		18		0-40	75-125
1,1,2,2-Tetrachloroethane	50.0000	43.9951	88		19		0-40	65-130
Bromobenzene	50.0000	52.9511	106		18		0-40	75-125
1,2,3-Trichloropropane	50.0000	44.1394	88		20		0-40	75-125
n-Propylbenzene	50.0000	55.0617	110		18		0-40	70-130
2-Chlorotoluene	50.0000	55.4445	111		19		0-40	75-125
1,3,5-Trimethylbenzene	50.0000	55.4131	111		21		0-40	75-130
4-Chlorotoluene	50.0000	54.7293	109		20		0-40	75-130
tert-Butylbenzene	50.0000	53.5840	107		20		0-40	70-130
1,2,4-Trimethylbenzene	50.0000	54.4902	109		19		0-40	75-130
sec-Butylbenzene	50.0000	52.3329	105		21		0-40	70-125
4-Isopropyltoluene	50.0000	53.0566	106		22		0-40	75-130
1,3-Dichlorobenzene	50.0000	51.4957	103		17		0-40	75-125
1,4-Dichlorobenzene	50.0000	50.9180	102		18		0-40	75-125
n-Butylbenzene	50.0000	49.4187	99		21		0-40	70-135
1,2-Dichlorobenzene	50.0000	50.5314	101		21		0-40	70-120
1,2-Dibromo-3-chloropropan	50.0000	40.4496	81		15		0-40	50-130
1,2,4-Trichlorobenzene	50.0000	43.6247	87		25		0-40	65-135
Hexachlorobutadiene	50.0000	39.7395	79		19		0-40	50-140

3A - FORM III VOA-1

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: V1 GC Column : DB-624 ID: 0.25 (mm)

1,2,3-Trichlorobenzene	50.0000	37.3090	75		32		0-40	55-140
Naphthalene	50.0000	37.6050	75		27		0-40	55-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 68 outside limits

Spike Recovery: 4 out of 136 outside limits

COMMENTS:

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49034

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-49034 LCS Lot No.:

Date Extracted: 02/03/2010 Date Analyzed (1): 02/03/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	42.4056	85		30 - 155
Chloromethane	50.0000	0.0000	44.9526	90		40 - 125
Vinyl chloride	50.0000	0.0000	46.0756	92		50 - 145
Bromomethane	50.0000	0.0000	46.1151	92		30 - 145
Chloroethane	50.0000	0.0000	46.1334	92		60 - 135
Trichlorofluoromethane	50.0000	0.0000	43.7376	87		60 - 145
1,1-Dichloroethene	50.0000	0.0000	45.7843	92		70 - 130
Acetone	50.0000	0.0000	29.6853	59		40 - 140
Iodomethane	50.0000	0.0000	46.2937	93		72 - 121
Carbon disulfide	50.0000	0.0000	44.2650	89		35 - 160
Methylene chloride	50.0000	0.0000	43.8296	88		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	45.3665	91		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	45.6102	91		65 - 125
1,1-Dichloroethane	50.0000	0.0000	44.3421	89		70 - 135
Vinyl acetate	50.0000	0.0000	43.4453	87		38 - 163
2-Butanone	50.0000	0.0000	38.7263	77		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	45.0278	90		70 - 125
2,2-Dichloropropane	50.0000	0.0000	40.1954	80		70 - 135
Bromochloromethane	50.0000	0.0000	44.7558	90		65 - 130
Chloroform	50.0000	0.0000	44.9820	90		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	44.8686	90		65 - 130
1,1-Dichloropropene	50.0000	0.0000	47.9631	96		75 - 130
Carbon tetrachloride	50.0000	0.0000	45.9428	92		65 - 140
1,2-Dichloroethane	50.0000	0.0000	43.4154	87		70 - 130
Benzene	50.0000	0.0000	44.4920	89		80 - 120
Trichloroethene	50.0000	0.0000	43.5610	87		70 - 125
1,2-Dichloropropane	50.0000	0.0000	43.3862	87		75 - 125
Dibromomethane	50.0000	0.0000	46.7950	94		75 - 125
Bromodichloromethane	50.0000	0.0000	44.6909	89		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	44.6761	89		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	44.1894	88		60 - 135
Toluene	50.0000	0.0000	43.8961	88		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	44.2605	89		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	45.8822	92		75 - 125
1,3-Dichloropropane	50.0000	0.0000	45.4567	91		75 - 125
Tetrachloroethene	50.0000	0.0000	45.6507	91		45 - 150
2-Hexanone	50.0000	0.0000	39.9513	80		55 - 130
Dibromochloromethane	50.0000	0.0000	47.1436	94		60 - 135
1,2-Dibromoethane	50.0000	0.0000	46.4149	93		80 - 120
Chlorobenzene	50.0000	0.0000	44.4780	89		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	44.3956	89		80 - 130
Ethylbenzene	50.0000	0.0000	45.6194	91		75 - 125
m,p-Xylene	100.0000	0.0000	87.7476	88		75 - 130
o-Xylene	50.0000	0.0000	44.9198	90		80 - 120

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49034

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-49034 LCS Lot No.:

Date Extracted: 02/03/2010 Date Analyzed (1): 02/03/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	132.6673	88		81 - 121
Styrene	50.0000	0.0000	45.4163	91		65 - 135
Bromoform	50.0000	0.0000	47.7435	95		70 - 130
Isopropylbenzene	50.0000	0.0000	45.0586	90		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	45.3490	91		65 - 130
Bromobenzene	50.0000	0.0000	45.1528	90		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	41.7040	83		75 - 125
n-Propylbenzene	50.0000	0.0000	41.1978	82		70 - 130
2-Chlorotoluene	50.0000	0.0000	44.0872	88		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	43.3393	87		75 - 130
4-Chlorotoluene	50.0000	0.0000	42.6814	85		75 - 130
tert-Butylbenzene	50.0000	0.0000	43.0834	86		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	42.4965	85		75 - 130
sec-Butylbenzene	50.0000	0.0000	42.2460	84		70 - 125
4-Isopropyltoluene	50.0000	0.0000	42.5830	85		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	44.4494	89		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	43.7286	87		75 - 125
n-Butylbenzene	50.0000	0.0000	41.0198	82		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	44.4491	89		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	40.8040	82		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	43.2229	86		65 - 135
Hexachlorobutadiene	50.0000	0.0000	45.1326	90		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	45.2604	91		55 - 140
Naphthalene	50.0000	0.0000	43.0220	86		55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49034

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCSD-49034 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	50.0000	45.8269	92		8		40	30 - 155
Chloromethane	50.0000	46.5603	93		3		40	40 - 125
Vinyl chloride	50.0000	49.5786	99		7		40	50 - 145
Bromomethane	50.0000	48.0569	96		4		40	30 - 145
Chloroethane	50.0000	49.7811	100		8		40	60 - 135
Trichlorofluoromethane	50.0000	46.4665	93		7		40	60 - 145
1,1-Dichloroethene	50.0000	49.5701	99		7		40	70 - 130
Acetone	50.0000	33.0847	66		11		40	40 - 140
Iodomethane	50.0000	49.7922	100		7		40	72 - 121
Carbon disulfide	50.0000	47.2220	94		5		40	35 - 160
Methylene chloride	50.0000	46.6211	93		6		40	55 - 140
trans-1,2-Dichloroethene	50.0000	47.9311	96		5		40	60 - 140
Methyl tert-butyl ether	50.0000	48.1672	96		5		40	65 - 125
1,1-Dichloroethane	50.0000	46.3428	93		4		40	70 - 135
Vinyl acetate	50.0000	47.5637	95		9		40	38 - 163
2-Butanone	50.0000	41.0009	82		6		40	30 - 150
cis-1,2-Dichloroethene	50.0000	48.4892	97		7		40	70 - 125
2,2-Dichloropropane	50.0000	42.0949	84		5		40	70 - 135
Bromochloromethane	50.0000	48.9028	98		9		40	65 - 130
Chloroform	50.0000	47.9418	96		6		40	65 - 135
1,1,1-Trichloroethane	50.0000	48.5453	97		7		40	65 - 130
1,1-Dichloropropene	50.0000	49.1693	98		2		40	75 - 130
Carbon tetrachloride	50.0000	48.7687	98		6		40	65 - 140
1,2-Dichloroethane	50.0000	48.1784	96		10		40	70 - 130
Benzene	50.0000	47.6589	95		7		40	80 - 120
Trichloroethene	50.0000	46.6330	93		7		40	70 - 125
1,2-Dichloropropane	50.0000	47.3738	95		9		40	75 - 125
Dibromomethane	50.0000	48.1039	96		2		40	75 - 125
Bromodichloromethane	50.0000	48.1321	96		8		40	75 - 120
cis-1,3-Dichloropropene	50.0000	48.1089	96		8		40	70 - 130
4-Methyl-2-pentanone	50.0000	45.9282	92		4		40	60 - 135
Toluene	50.0000	47.3938	95		8		40	75 - 120
trans-1,3-Dichloropropene	50.0000	47.4217	95		7		40	55 - 140
1,1,2-Trichloroethane	50.0000	49.0024	98		6		40	75 - 125
1,3-Dichloropropane	50.0000	47.5094	95		4		40	75 - 125
Tetrachloroethene	50.0000	47.5155	95		4		40	45 - 150
2-Hexanone	50.0000	44.3934	89		11		40	55 - 130
Dibromochloromethane	50.0000	49.6997	99		5		40	60 - 135
1,2-Dibromoethane	50.0000	49.3984	99		6		40	80 - 120
Chlorobenzene	50.0000	47.8993	96		8		40	80 - 120
1,1,1,2-Tetrachloroethane	50.0000	49.0178	98		10		40	80 - 130
Ethylbenzene	50.0000	48.1148	96		5		40	75 - 125
m,p-Xylene	100.0000	93.5645	94		7		40	75 - 130
o-Xylene	50.0000	47.3111	95		5		40	80 - 120
Xylene (Total)	150.0000	140.8756	94		7		40	81 - 121
Styrene	50.0000	48.3658	97		6		40	65 - 135

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-49034

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCSD-49034 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Bromoform	50.0000	51.0206	102		7		40	70 - 130
Isopropylbenzene	50.0000	47.5192	95		5		40	75 - 125
1,1,2,2-Tetrachloroethane	50.0000	47.1744	94		3		40	65 - 130
Bromobenzene	50.0000	48.8394	98		9		40	75 - 125
1,2,3-Trichloropropane	50.0000	44.3008	89		7		40	75 - 125
n-Propylbenzene	50.0000	45.8833	92		11		40	70 - 130
2-Chlorotoluene	50.0000	47.9782	96		9		40	75 - 125
1,3,5-Trimethylbenzene	50.0000	46.8576	94		8		40	75 - 130
4-Chlorotoluene	50.0000	46.4848	93		9		40	75 - 130
tert-Butylbenzene	50.0000	46.5754	93		8		40	70 - 130
1,2,4-Trimethylbenzene	50.0000	46.6414	93		9		40	75 - 130
sec-Butylbenzene	50.0000	45.6382	91		8		40	70 - 125
4-Isopropyltoluene	50.0000	45.5147	91		7		40	75 - 130
1,3-Dichlorobenzene	50.0000	47.4322	95		7		40	75 - 125
1,4-Dichlorobenzene	50.0000	46.3331	93		7		40	75 - 125
n-Butylbenzene	50.0000	44.3065	89		8		40	70 - 135
1,2-Dichlorobenzene	50.0000	47.7233	95		7		40	70 - 120
1,2-Dibromo-3-chloropropan	50.0000	48.0621	96		16		40	50 - 130
1,2,4-Trichlorobenzene	50.0000	45.4275	91		6		40	65 - 135
Hexachlorobutadiene	50.0000	47.0451	94		4		40	50 - 140
1,2,3-Trichlorobenzene	50.0000	48.3310	97		6		40	55 - 140
Naphthalene	50.0000	44.9555	90		5		40	55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 68 outside limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49055

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-49055 LCS Lot No.:

Date Extracted: 02/04/2010 Date Analyzed (1): 02/04/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	56.8977	114		30 - 155
Chloromethane	50.0000	0.0000	60.3270	121		40 - 125
Vinyl chloride	50.0000	0.0000	58.6789	117		50 - 145
Bromomethane	50.0000	0.0000	58.4202	117		30 - 145
Chloroethane	50.0000	0.0000	58.8247	118		60 - 135
Trichlorofluoromethane	50.0000	0.0000	56.7439	113		60 - 145
1,1-Dichloroethene	50.0000	0.0000	59.6228	119		70 - 130
Acetone	50.0000	0.0000	56.5733	113		40 - 140
Iodomethane	50.0000	0.0000	59.5800	119		72 - 121
Carbon disulfide	50.0000	0.0000	57.7145	115		35 - 160
Methylene chloride	50.0000	0.0000	54.9866	110		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	58.0445	116		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	50.3089	101		65 - 125
1,1-Dichloroethane	50.0000	0.0000	56.2520	113		70 - 135
Vinyl acetate	50.0000	0.0000	51.2426	102		38 - 163
2-Butanone	50.0000	0.0000	49.1240	98		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	57.2516	115		70 - 125
2,2-Dichloropropane	50.0000	0.0000	59.3803	119		70 - 135
Bromochloromethane	50.0000	0.0000	54.7563	110		65 - 130
Chloroform	50.0000	0.0000	55.9279	112		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	59.2218	118		65 - 130
1,1-Dichloropropene	50.0000	0.0000	59.6905	119		75 - 130
Carbon tetrachloride	50.0000	0.0000	59.6441	119		65 - 140
1,2-Dichloroethane	50.0000	0.0000	50.6766	101		70 - 130
Benzene	50.0000	0.0000	56.6831	113		80 - 120
Trichloroethene	50.0000	0.0000	58.6877	117		70 - 125
1,2-Dichloropropane	50.0000	0.0000	55.5609	111		75 - 125
Dibromomethane	50.0000	0.0000	54.1487	108		75 - 125
Bromodichloromethane	50.0000	0.0000	53.2674	107		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	53.6246	107		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	46.3005	93		60 - 135
Toluene	50.0000	0.0000	58.1060	116		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	51.7371	103		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	50.6411	101		75 - 125
1,3-Dichloropropane	50.0000	0.0000	51.0792	102		75 - 125
Tetrachloroethene	50.0000	0.0000	60.5379	121		45 - 150
2-Hexanone	50.0000	0.0000	49.2365	98		55 - 130
Dibromochloromethane	50.0000	0.0000	51.4808	103		60 - 135
1,2-Dibromoethane	50.0000	0.0000	53.1933	106		80 - 120
Chlorobenzene	50.0000	0.0000	57.0385	114		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	55.2149	110		80 - 130
Ethylbenzene	50.0000	0.0000	57.5119	115		75 - 125
m,p-Xylene	100.0000	0.0000	117.1659	117		75 - 130
o-Xylene	50.0000	0.0000	57.5947	115		80 - 120

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49055

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-49055 LCS Lot No.:

Date Extracted: 02/04/2010 Date Analyzed (1): 02/04/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	174.7606	117		81 - 121
Styrene	50.0000	0.0000	56.5032	113		65 - 135
Bromoform	50.0000	0.0000	51.6348	103		70 - 130
Isopropylbenzene	50.0000	0.0000	57.6431	115		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	48.4035	97		65 - 130
Bromobenzene	50.0000	0.0000	57.6224	115		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	50.2369	100		75 - 125
n-Propylbenzene	50.0000	0.0000	58.5197	117		70 - 130
2-Chlorotoluene	50.0000	0.0000	58.2762	117		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	56.7081	113		75 - 130
4-Chlorotoluene	50.0000	0.0000	56.9807	114		75 - 130
tert-Butylbenzene	50.0000	0.0000	58.0512	116		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	57.5563	115		75 - 130
sec-Butylbenzene	50.0000	0.0000	57.5925	115		70 - 125
4-Isopropyltoluene	50.0000	0.0000	57.9029	116		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	55.8944	112		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	56.2720	113		75 - 125
n-Butylbenzene	50.0000	0.0000	55.7694	112		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	55.0731	110		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	47.2184	94		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	48.9356	98		65 - 135
Hexachlorobutadiene	50.0000	0.0000	52.6612	105		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	42.0385	84		55 - 140
Naphthalene	50.0000	0.0000	41.7564	84		55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49067

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-49067 LCS Lot No.:

Date Extracted: 02/04/2010 Date Analyzed (1): 02/04/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Dichlorodifluoromethane	50.0000	0.0000	42.9702	86		30 - 155
Chloromethane	50.0000	0.0000	52.8371	106		40 - 125
Vinyl chloride	50.0000	0.0000	53.2314	106		50 - 145
Bromomethane	50.0000	0.0000	52.4342	105		30 - 145
Chloroethane	50.0000	0.0000	52.4675	105		60 - 135
Trichlorofluoromethane	50.0000	0.0000	48.8707	98		60 - 145
1,1-Dichloroethene	50.0000	0.0000	53.8618	108		70 - 130
Acetone	50.0000	0.0000	25.4412	51		40 - 140
Iodomethane	50.0000	0.0000	53.0727	106		72 - 121
Carbon disulfide	50.0000	0.0000	51.2809	103		35 - 160
Methylene chloride	50.0000	0.0000	47.4548	95		55 - 140
trans-1,2-Dichloroethene	50.0000	0.0000	52.1061	104		60 - 140
Methyl tert-butyl ether	50.0000	0.0000	41.8121	84		65 - 125
1,1-Dichloroethane	50.0000	0.0000	50.3366	101		70 - 135
Vinyl acetate	50.0000	0.0000	42.4281	85		38 - 163
2-Butanone	50.0000	0.0000	31.9465	64		30 - 150
cis-1,2-Dichloroethene	50.0000	0.0000	49.2461	98		70 - 125
2,2-Dichloropropane	50.0000	0.0000	40.0513	80		70 - 135
Bromochloromethane	50.0000	0.0000	46.3546	93		65 - 130
Chloroform	50.0000	0.0000	49.4460	99		65 - 135
1,1,1-Trichloroethane	50.0000	0.0000	52.6666	105		65 - 130
1,1-Dichloropropene	50.0000	0.0000	54.4270	109		75 - 130
Carbon tetrachloride	50.0000	0.0000	52.1147	104		65 - 140
1,2-Dichloroethane	50.0000	0.0000	43.7983	88		70 - 130
Benzene	50.0000	0.0000	50.1537	100		80 - 120
Trichloroethene	50.0000	0.0000	52.0480	104		70 - 125
1,2-Dichloropropane	50.0000	0.0000	46.4714	93		75 - 125
Dibromomethane	50.0000	0.0000	42.3804	85		75 - 125
Bromodichloromethane	50.0000	0.0000	46.5556	93		75 - 120
cis-1,3-Dichloropropene	50.0000	0.0000	43.8245	88		70 - 130
4-Methyl-2-pentanone	50.0000	0.0000	37.1277	74		60 - 135
Toluene	50.0000	0.0000	51.7362	103		75 - 120
trans-1,3-Dichloropropene	50.0000	0.0000	41.1102	82		55 - 140
1,1,2-Trichloroethane	50.0000	0.0000	42.8160	86		75 - 125
1,3-Dichloropropane	50.0000	0.0000	43.4668	87		75 - 125
Tetrachloroethene	50.0000	0.0000	56.7064	113		45 - 150
2-Hexanone	50.0000	0.0000	34.8181	70		55 - 130
Dibromochloromethane	50.0000	0.0000	44.5356	89		60 - 135
1,2-Dibromoethane	50.0000	0.0000	43.7439	87		80 - 120
Chlorobenzene	50.0000	0.0000	50.8110	102		80 - 120
1,1,1,2-Tetrachloroethane	50.0000	0.0000	48.2837	97		80 - 130
Ethylbenzene	50.0000	0.0000	52.7134	105		75 - 125
m,p-Xylene	100.0000	0.0000	105.0790	105		75 - 130
o-Xylene	50.0000	0.0000	51.7331	103		80 - 120

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-49067

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-49067 LCS Lot No.:

Date Extracted: 02/04/2010 Date Analyzed (1): 02/04/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Xylene (Total)	150.0000	0.0000	156.8121	105		81 - 121
Styrene	50.0000	0.0000	50.8882	102		65 - 135
Bromoform	50.0000	0.0000	42.0378	84		70 - 130
Isopropylbenzene	50.0000	0.0000	52.4945	105		75 - 125
1,1,2,2-Tetrachloroethane	50.0000	0.0000	42.2939	85		65 - 130
Bromobenzene	50.0000	0.0000	50.1649	100		75 - 125
1,2,3-Trichloropropane	50.0000	0.0000	41.7806	84		75 - 125
n-Propylbenzene	50.0000	0.0000	54.3785	109		70 - 130
2-Chlorotoluene	50.0000	0.0000	53.4980	107		75 - 125
1,3,5-Trimethylbenzene	50.0000	0.0000	53.1240	106		75 - 130
4-Chlorotoluene	50.0000	0.0000	51.2064	102		75 - 130
tert-Butylbenzene	50.0000	0.0000	52.2543	105		70 - 130
1,2,4-Trimethylbenzene	50.0000	0.0000	51.6042	103		75 - 130
sec-Butylbenzene	50.0000	0.0000	52.6544	105		70 - 125
4-Isopropyltoluene	50.0000	0.0000	52.8128	106		75 - 130
1,3-Dichlorobenzene	50.0000	0.0000	50.2738	101		75 - 125
1,4-Dichlorobenzene	50.0000	0.0000	49.7463	99		75 - 125
n-Butylbenzene	50.0000	0.0000	50.4428	101		70 - 135
1,2-Dichlorobenzene	50.0000	0.0000	48.6724	97		70 - 120
1,2-Dibromo-3-chloropropan	50.0000	0.0000	38.7379	77		50 - 130
1,2,4-Trichlorobenzene	50.0000	0.0000	42.9010	86		65 - 135
Hexachlorobutadiene	50.0000	0.0000	46.9767	94		50 - 140
1,2,3-Trichlorobenzene	50.0000	0.0000	37.1194	74		55 - 140
Naphthalene	50.0000	0.0000	35.9745	72		55 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 68 outside limits

COMMENTS:

3C - FORM III SV-1

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: S1 GC Column : Rxi-5sil MS ID: 0.25 (mm)

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
Phenol	50.0000	0.0000	23.6618	47		0-115
Bis(2-chloroethyl)ether	50.0000	0.0000	35.5893	71		35-110
2-Chlorophenol	50.0000	0.0000	36.6017	73		35-105
1,3-Dichlorobenzene	50.0000	0.0000	34.5728	69		30-100
1,4-Dichlorobenzene	50.0000	0.0000	35.8513	72		30-100
1,2-Dichlorobenzene	50.0000	0.0000	34.9090	70		35-100
2-Methylphenol	50.0000	0.0000	37.0058	74		40-110
2,2´-oxybis(1-Chloropropan	50.0000	0.0000	37.0498	74		30-123
4-Methylphenol	50.0000	0.0000	34.4714	69		30-110
N-Nitroso-di-n-propylamine	50.0000	0.0000	38.3340	77		35-130
Hexachloroethane	50.0000	0.0000	38.0307	76		30-95
Nitrobenzene	50.0000	0.0000	36.1283	72		45-110
Isophorone	50.0000	0.0000	37.3011	75		50-110
2-Nitrophenol	50.0000	0.0000	38.1328	76		40-115
2,4-Dimethylphenol	50.0000	0.0000	42.1260	84		30-110
2,4-Dichlorophenol	50.0000	0.0000	39.4279	79		50-105
1,2,4-Trichlorobenzene	50.0000	0.0000	36.4019	73		35-105
Naphthalene	50.0000	0.0000	37.4409	75		40-100
4-Chloroaniline	50.0000	0.0000	36.1493	72		15-110
Bis(2-chloroethoxy)methane	50.0000	0.0000	35.4302	71		45-105
Hexachlorobutadiene	50.0000	0.0000	40.5603	81		25-105
4-Chloro-3-methylphenol	50.0000	0.0000	38.7608	78		45-110
2-Methylnaphthalene	50.0000	0.0000	34.9255	70		45-105
Hexachlorocyclopentadiene	50.0000	0.0000	43.0117	86		27-147
2,4,6-Trichlorophenol	50.0000	0.0000	37.5360	75		50-115
2,4,5-Trichlorophenol	50.0000	0.0000	38.1887	76		50-110
2-Chloronaphthalene	50.0000	0.0000	37.3864	75		50-105
2-Nitroaniline	50.0000	0.0000	39.5454	79		50-115
Dimethylphthalate	50.0000	0.0000	40.3338	81		25-125
Acenaphthylene	50.0000	0.0000	36.7264	73		50-105
2,6-Dinitrotoluene	50.0000	0.0000	40.4871	81		50-115
3-Nitroaniline	50.0000	0.0000	28.2991	57		20-125
Acenaphthene	50.0000	0.0000	37.3015	75		45-110
2,4-Dinitrophenol	50.0000	0.0000	5.5006	11	*	15-140
4-Nitrophenol	50.0000	0.0000	13.2558	27		0-125
Dibenzofuran	50.0000	0.0000	41.5825	83		55-105
2,4-Dinitrotoluene	50.0000	0.0000	40.3352	81		50-120
Diethylphthalate	50.0000	0.0000	38.5623	77		40-120
4-Chlorophenyl-phenylether	50.0000	0.0000	39.9248	80		50-110
Fluorene	50.0000	0.0000	39.4849	79		50-110
4-Nitroaniline	50.0000	0.0000	25.4558	51		35-120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	30.5855	61		40-130
N-Nitrosodiphenylamine	50.0000	0.0000	40.9220	82		50-110
4-Bromophenyl-phenylether	50.0000	0.0000	43.0352	86		50-115

3C - FORM III SV-1

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: S1 GC Column : Rxi-5sil MS ID: 0.25 (mm)

Hexachlorobenzene	50.0000	0.0000	39.4263	79		50-110
Pentachlorophenol	50.0000	0.0000	37.9275	76		40-115
Phenanthrene	50.0000	0.0000	42.1797	84		50-115
Anthracene	50.0000	0.0000	43.2336	86		55-110
Carbazole	50.0000	0.0000	39.3905	79		50-115
Di-n-butylphthalate	50.0000	0.0000	38.4475	77		55-115
Fluoranthene	50.0000	0.0000	39.1455	78		55-115
Pyrene	50.0000	0.0000	36.3975	73		50-130
Butylbenzylphthalate	50.0000	0.0000	41.2393	82		45-115
3,3´-Dichlorobenzidine	50.0000	0.0000	8.4121	17	*	20-110
Benzo(a)anthracene	50.0000	0.0000	38.4401	77		55-110
Chrysene	50.0000	0.0000	41.2203	82		55-110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	39.3962	79		40-125
Di-n-octylphthalate	50.0000	0.0000	48.8027	98		35-135
Benzo(b)fluoranthene	50.0000	0.0000	44.6207	89		45-120
Benzo(k)fluoranthene	50.0000	0.0000	37.0876	74		45-125
Benzo(a)pyrene	50.0000	0.0000	41.3178	83		55-110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	33.9391	68		45-125
Dibenzo(a,h)anthracene	50.0000	0.0000	33.9081	68		40-125
Benzo(g,h,i)perylene	50.0000	0.0000	33.2554	67		40-125

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	50.0000	21.3933	43		10		0-40	0-115
Bis(2-chloroethyl)ether	50.0000	33.4359	67		6		0-40	35-110
2-Chlorophenol	50.0000	31.8636	64		14		0-40	35-105
1,3-Dichlorobenzene	50.0000	31.1376	62		10		0-40	30-100
1,4-Dichlorobenzene	50.0000	31.3974	63		13		0-40	30-100
1,2-Dichlorobenzene	50.0000	31.8435	64		9		0-40	35-100
2-Methylphenol	50.0000	35.3385	71		5		0-40	40-110
2,2´-oxybis(1-Chloropropan	50.0000	34.2373	68		8		0-40	30-123
4-Methylphenol	50.0000	34.2142	68		1		0-40	30-110
N-Nitroso-di-n-propylamine	50.0000	35.5244	71		8		0-40	35-130
Hexachloroethane	50.0000	33.0514	66		14		0-40	30-95
Nitrobenzene	50.0000	36.6479	73		1		0-40	45-110
Isophorone	50.0000	35.2784	71		6		0-40	50-110
2-Nitrophenol	50.0000	32.5531	65		16		0-40	40-115
2,4-Dimethylphenol	50.0000	44.5052	89		5		0-40	30-110
2,4-Dichlorophenol	50.0000	36.3231	73		8		0-40	50-105
1,2,4-Trichlorobenzene	50.0000	37.1140	74		2		0-40	35-105
Naphthalene	50.0000	37.3523	75		0		0-40	40-100
4-Chloroaniline	50.0000	30.9879	62		15		0-40	15-110
Bis(2-chloroethoxy)methane	50.0000	35.5015	71		0		0-40	45-105
Hexachlorobutadiene	50.0000	39.1175	78		4		0-40	25-105
4-Chloro-3-methylphenol	50.0000	38.1756	76		2		0-40	45-110
2-Methylnaphthalene	50.0000	37.7114	75		8		0-40	45-105

3C - FORM III SV-1

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: S1 GC Column : Rxi-5sil MS ID: 0.25 (mm)

Hexachlorocyclopentadiene	50.0000	43.7835	88		2		0-40	27-147
2,4,6-Trichlorophenol	50.0000	31.1980	62		18		0-40	50-115
2,4,5-Trichlorophenol	50.0000	35.7910	72		6		0-40	50-110
2-Chloronaphthalene	50.0000	37.4678	75		0		0-40	50-105
2-Nitroaniline	50.0000	36.8229	74		7		0-40	50-115
Dimethylphthalate	50.0000	36.3232	73		10		0-40	25-125
Acenaphthylene	50.0000	37.5582	75		2		0-40	50-105
2,6-Dinitrotoluene	50.0000	36.0994	72		11		0-40	50-115
3-Nitroaniline	50.0000	25.1491	50		12		0-40	20-125
Acenaphthene	50.0000	39.0059	78		4		0-40	45-110
2,4-Dinitrophenol	50.0000	1.8975	4	*	97	*	0-40	15-140
4-Nitrophenol	50.0000	6.2701	13		72	*	0-40	0-125
Dibenzofuran	50.0000	37.5691	75		10		0-40	55-105
2,4-Dinitrotoluene	50.0000	38.3704	77		5		0-40	50-120
Diethylphthalate	50.0000	39.1671	78		2		0-40	40-120
4-Chlorophenyl-phenylether	50.0000	36.1636	72		10		0-40	50-110
Fluorene	50.0000	37.7586	76		4		0-40	50-110
4-Nitroaniline	50.0000	23.7363	47		7		0-40	35-120
4,6-Dinitro-2-methylphenol	50.0000	14.9639	30	*	69	*	0-40	40-130
N-Nitrosodiphenylamine	50.0000	40.1054	80		2		0-40	50-110
4-Bromophenyl-phenylether	50.0000	41.4319	83		4		0-40	50-115
Hexachlorobenzene	50.0000	39.2388	78		0		0-40	50-110
Pentachlorophenol	50.0000	19.4114	39	*	65	*	0-40	40-115
Phenanthrene	50.0000	37.9062	76		11		0-40	50-115
Anthracene	50.0000	39.4572	79		9		0-40	55-110
Carbazole	50.0000	39.4578	79		0		0-40	50-115
Di-n-butylphthalate	50.0000	37.3442	75		3		0-40	55-115
Fluoranthene	50.0000	39.4363	79		1		0-40	55-115
Pyrene	50.0000	43.5123	87		18		0-40	50-130
Butylbenzylphthalate	50.0000	38.1750	76		8		0-40	45-115
3,3'-Dichlorobenzidine	50.0000	8.7981	18	*	4		0-40	20-110
Benzo(a)anthracene	50.0000	38.5762	77		0		0-40	55-110
Chrysene	50.0000	41.7021	83		1		0-40	55-110
Bis(2-ethylhexyl)phthalate	50.0000	42.9251	86		9		0-40	40-125
Di-n-octylphthalate	50.0000	42.2657	85		14		0-40	35-135
Benzo(b)fluoranthene	50.0000	38.3012	77		15		0-40	45-120
Benzo(k)fluoranthene	50.0000	45.7617	92		21		0-40	45-125
Benzo(a)pyrene	50.0000	40.1304	80		3		0-40	55-110
Indeno(1,2,3-cd)pyrene	50.0000	31.0720	62		9		0-40	45-125
Dibenzo(a,h)anthracene	50.0000	30.3036	61		11		0-40	40-125
Benzo(g,h,i)perylene	50.0000	30.8611	62		7		0-40	40-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 4 out of 64 outside limits

3C - FORM III SV-1

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract: _____

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: _____ SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: S1 GC Column : Rxi-5sil MS ID: 0.25 (mm)

Spike Recovery: 6 out of 128 outside limits

COMMENTS: _____

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-48991

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-48991 LCS Lot No.:

Date Extracted: 02/02/2010 Date Analyzed (1): 02/09/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	50.0000	0.0000	18.1761	36		0 - 115
Bis(2-chloroethyl)ether	50.0000	0.0000	41.8026	84		35 - 110
2-Chlorophenol	50.0000	0.0000	39.5612	79		35 - 105
1,3-Dichlorobenzene	50.0000	0.0000	40.0305	80		30 - 100
1,4-Dichlorobenzene	50.0000	0.0000	40.2206	80		30 - 100
1,2-Dichlorobenzene	50.0000	0.0000	40.0899	80		35 - 100
2-Methylphenol	50.0000	0.0000	38.1390	76		40 - 110
2,2´-oxybis(1-Chloropropan	50.0000	0.0000	39.9049	80		30 - 123
4-Methylphenol	50.0000	0.0000	31.9923	64		30 - 110
N-Nitroso-di-n-propylamine	50.0000	0.0000	39.7606	80		35 - 130
Hexachloroethane	50.0000	0.0000	41.6209	83		30 - 95
Nitrobenzene	50.0000	0.0000	40.5586	81		45 - 110
Isophorone	50.0000	0.0000	39.4674	79		50 - 110
2-Nitrophenol	50.0000	0.0000	43.1571	86		40 - 115
2,4-Dimethylphenol	50.0000	0.0000	44.6631	89		30 - 110
2,4-Dichlorophenol	50.0000	0.0000	43.5109	87		50 - 105
1,2,4-Trichlorobenzene	50.0000	0.0000	42.9338	86		35 - 105
Naphthalene	50.0000	0.0000	41.0198	82		40 - 100
4-Chloroaniline	50.0000	0.0000	39.2254	78		15 - 110
Bis(2-chloroethoxy)methane	50.0000	0.0000	39.1864	78		45 - 105
Hexachlorobutadiene	50.0000	0.0000	45.6959	91		25 - 105
4-Chloro-3-methylphenol	50.0000	0.0000	42.5514	85		45 - 110
2-Methylnaphthalene	50.0000	0.0000	39.6237	79		45 - 105
Hexachlorocyclopentadiene	50.0000	0.0000	52.6546	105		27 - 147
2,4,6-Trichlorophenol	50.0000	0.0000	41.7543	84		50 - 115
2,4,5-Trichlorophenol	50.0000	0.0000	42.2333	84		50 - 110
2-Chloronaphthalene	50.0000	0.0000	43.5838	87		50 - 105
2-Nitroaniline	50.0000	0.0000	41.6652	83		50 - 115
Dimethylphthalate	50.0000	0.0000	42.3944	85		25 - 125
Acenaphthylene	50.0000	0.0000	41.3091	83		50 - 105
2,6-Dinitrotoluene	50.0000	0.0000	43.0675	86		50 - 115
3-Nitroaniline	50.0000	0.0000	34.5321	69		20 - 125
Acenaphthene	50.0000	0.0000	43.2435	86		45 - 110
2,4-Dinitrophenol	50.0000	0.0000	31.7601	64		15 - 140
4-Nitrophenol	50.0000	0.0000	17.8424	36		0 - 125
Dibenzofuran	50.0000	0.0000	43.2266	86		55 - 105
2,4-Dinitrotoluene	50.0000	0.0000	44.9983	90		50 - 120
Diethylphthalate	50.0000	0.0000	45.1402	90		40 - 120
4-Chlorophenyl-phenylether	50.0000	0.0000	42.1142	84		50 - 110
Fluorene	50.0000	0.0000	42.3419	85		50 - 110
4-Nitroaniline	50.0000	0.0000	28.2509	57		35 - 120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	38.2047	76		40 - 130
N-Nitrosodiphenylamine	50.0000	0.0000	44.1916	88		50 - 110
4-Bromophenyl-phenylether	50.0000	0.0000	45.4308	91		50 - 115

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-48991

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-48991 LCS Lot No.:

Date Extracted: 02/02/2010 Date Analyzed (1): 02/09/2010

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Hexachlorobenzene	50.0000	0.0000	41.4738	83		50 - 110
Pentachlorophenol	50.0000	0.0000	46.2441	92		40 - 115
Phenanthrene	50.0000	0.0000	43.0605	86		50 - 115
Anthracene	50.0000	0.0000	45.8619	92		55 - 110
Carbazole	50.0000	0.0000	41.9107	84		50 - 115
Di-n-butylphthalate	50.0000	0.0000	40.9832	82		55 - 115
Fluoranthene	50.0000	0.0000	42.6299	85		55 - 115
Pyrene	50.0000	0.0000	45.5343	91		50 - 130
Butylbenzylphthalate	50.0000	0.0000	44.8352	90		45 - 115
3,3´-Dichlorobenzidine	50.0000	0.0000	22.0468	44		20 - 110
Benzo(a)anthracene	50.0000	0.0000	45.8896	92		55 - 110
Chrysene	50.0000	0.0000	46.7977	94		55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	42.9770	86		40 - 125
Di-n-octylphthalate	50.0000	0.0000	45.9942	92		35 - 135
Benzo(b)fluoranthene	50.0000	0.0000	43.0764	86		45 - 120
Benzo(k)fluoranthene	50.0000	0.0000	48.0176	96		45 - 125
Benzo(a)pyrene	50.0000	0.0000	48.4589	97		55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	44.4159	89		45 - 125
Dibenzo(a,h)anthracene	50.0000	0.0000	44.6482	89		40 - 125
Benzo(g,h,i)perylene	50.0000	0.0000	43.2189	86		40 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 64 outside limits

COMMENTS:

3G - FORM III PEST-1

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: E4 GC Column : CLPPest ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
alpha-BHC	0.2000	0.0000	0.1947	97		60-130
beta-BHC	0.2000	0.0000	0.1900	95		65-125
delta-BHC	0.2000	0.0000	0.2062	103		45-135
gamma-BHC (Lindane)	0.2000	0.0000	0.1889	94		25-135
Heptachlor	0.2000	0.0000	0.1849	92		40-130
Aldrin	0.2000	0.0000	0.1905	95		25-140
Heptachlor epoxide	0.2000	0.0000	0.1837	92		60-130
Endosulfan I	0.2000	0.0000	0.1627	81		50-110
Dieldrin	0.4000	0.0000	0.3774	94		60-130
4,4´-DDE	0.4000	0.0000	0.3807	95		35-140
Endrin	0.4000	0.0000	0.3933	98		55-135
Endosulfan II	0.4000	0.0000	0.3523	88		30-130
4,4´-DDD	0.4000	0.0000	0.3975	99		25-150
Endosulfan sulfate	0.4000	0.0000	0.4018	100		55-135
4,4´-DDT	0.4000	0.0000	0.4025	101		45-140
Methoxychlor	2.0000	0.0000	2.1194	106		55-150
Endrin ketone	0.4000	0.0000	0.3997	100		75-125
Endrin aldehyde	0.4000	0.0000	0.3848	96		55-135
alpha-Chlordane	0.2000	0.0000	0.1753	88		65-125
gamma-Chlordane	0.2000	0.0000	0.1934	97		60-125

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
alpha-BHC	0.2000	0.1899	95		2		0-30	60-130
beta-BHC	0.2000	0.1956	98		3		0-30	65-125
delta-BHC	0.2000	0.2244	112		8		0-30	45-135
gamma-BHC (Lindane)	0.2000	0.1895	95		0		0-30	25-135
Heptachlor	0.2000	0.1858	93		1		0-30	40-130
Aldrin	0.2000	0.2120	106		11		0-30	25-140
Heptachlor epoxide	0.2000	0.2015	101		9		0-30	60-130
Endosulfan I	0.2000	0.1720	86		6		0-30	50-110
Dieldrin	0.4000	0.3926	98		4		0-30	60-130
4,4´-DDE	0.4000	0.4138	103		8		0-30	35-140
Endrin	0.4000	0.4112	103		4		0-30	55-135
Endosulfan II	0.4000	0.3808	95		8		0-30	30-130
4,4´-DDD	0.4000	0.4419	110		11		0-30	25-150
Endosulfan sulfate	0.4000	0.4300	108		7		0-30	55-135
4,4´-DDT	0.4000	0.4369	109		8		0-30	45-140
Methoxychlor	2.0000	2.2137	111		4		0-30	55-150
Endrin ketone	0.4000	0.4182	105		5		0-30	75-125
Endrin aldehyde	0.4000	0.4048	101		5		0-30	55-135
alpha-Chlordane	0.2000	0.1854	93		6		0-30	65-125
gamma-Chlordane	0.2000	0.2069	103		7		0-30	60-125

3G - FORM III PEST-1

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: E4 GC Column : CLPPest ID: 0.53 (mm)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 20 outside limits

Spike Recovery: 0 out of 40 outside limits

COMMENTS:

3G - FORM III PEST-1

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: E4 GC Column : CLPPestII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
alpha-BHC	0.2000	0.0000	0.1852	93		60-130
beta-BHC	0.2000	0.0000	0.2141	107		65-125
delta-BHC	0.2000	0.0000	0.2187	109		45-135
gamma-BHC (Lindane)	0.2000	0.0000	0.2000	100		25-135
Heptachlor	0.2000	0.0000	0.2028	101		40-130
Aldrin	0.2000	0.0000	0.1769	88		25-140
Heptachlor epoxide	0.2000	0.0000	0.2042	102		60-130
Endosulfan I	0.2000	0.0000	0.1700	85		50-110
Dieldrin	0.4000	0.0000	0.4174	104		60-130
4,4´-DDE	0.4000	0.0000	0.4210	105		35-140
Endrin	0.4000	0.0000	0.4257	106		55-135
Endosulfan II	0.4000	0.0000	0.3857	96		30-130
4,4´-DDD	0.4000	0.0000	0.4336	108		25-150
Endosulfan sulfate	0.4000	0.0000	0.4083	102		55-135
4,4´-DDT	0.4000	0.0000	0.4190	105		45-140
Methoxychlor	2.0000	0.0000	2.3093	115		55-150
Endrin ketone	0.4000	0.0000	0.3971	99		75-125
Endrin aldehyde	0.4000	0.0000	0.4036	101		55-135
alpha-Chlordane	0.2000	0.0000	0.1934	97		65-125
gamma-Chlordane	0.2000	0.0000	0.3463	173	*	60-125

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
alpha-BHC	0.2000	0.1861	93		1		0-30	60-130
beta-BHC	0.2000	0.2320	116		8		0-30	65-125
delta-BHC	0.2000	0.2334	117		6		0-30	45-135
gamma-BHC (Lindane)	0.2000	0.2005	100		0		0-30	25-135
Heptachlor	0.2000	0.2032	102		0		0-30	40-130
Aldrin	0.2000	0.1938	97		9		0-30	25-140
Heptachlor epoxide	0.2000	0.2388	119		16		0-30	60-130
Endosulfan I	0.2000	0.1746	87		3		0-30	50-110
Dieldrin	0.4000	0.4523	113		8		0-30	60-130
4,4´-DDE	0.4000	0.4584	115		9		0-30	35-140
Endrin	0.4000	0.4407	110		3		0-30	55-135
Endosulfan II	0.4000	0.4264	107		10		0-30	30-130
4,4´-DDD	0.4000	0.4709	118		8		0-30	25-150
Endosulfan sulfate	0.4000	0.4350	109		6		0-30	55-135
4,4´-DDT	0.4000	0.4549	114		8		0-30	45-140
Methoxychlor	2.0000	2.4394	122		5		0-30	55-150
Endrin ketone	0.4000	0.4247	106		7		0-30	75-125
Endrin aldehyde	0.4000	0.4222	106		5		0-30	55-135
alpha-Chlordane	0.2000	0.1977	99		2		0-30	65-125
gamma-Chlordane	0.2000	0.2723	136	*	24		0-30	60-125

3G - FORM III PEST-1

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: E4 GC Column : CLPPestII ID: 0.53 (mm)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 20 outside limits

Spike Recovery: 2 out of 40 outside limits

COMMENTS:

3L - FORM III PEST-3
WATER PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

LCS-48931

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-48931 LCS Lot No.:

Date Extracted: 01/29/2010 Date Analyzed (1): 02/17/2010

Instrument ID (1): E4 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC #	QC LIMITS
alpha-BHC	0.2000	0.1749	87	60-130
beta-BHC	0.2000	0.1828	91	65-125
delta-BHC	0.2000	0.1983	99	45-135
gamma-BHC (Lindane)	0.2000	0.1715	86	25-135
Heptachlor	0.2000	0.1579	79	40-130
Aldrin	0.2000	0.1527	76	25-140
Heptachlor epoxide	0.2000	0.1718	86	60-130
Endosulfan I	0.2000	0.1481	74	50-110
Dieldrin	0.4000	0.3424	86	60-130
4,4´-DDE	0.4000	0.3359	84	35-140
Endrin	0.4000	0.3515	88	55-135
Endosulfan II	0.4000	0.3465	87	30-130
4,4´-DDD	0.4000	0.3501	88	25-150
Endosulfan sulfate	0.4000	0.4054	101	55-135
4,4´-DDT	0.4000	0.3513	88	45-140
Methoxychlor	2.0000	1.8412	92	55-150
Endrin ketone	0.4000	0.3963	99	75-125
Endrin aldehyde	0.4000	0.3904	98	55-135
alpha-Chlordane	0.2000	0.1562	78	65-125
gamma-Chlordane	0.2000	0.1673	84	60-125

Instrument ID (2): E4 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 02/17/2010

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC #	QC LIMITS
alpha-BHC	0.2000	0.1759	88	60-130
beta-BHC	0.2000	0.2058	103	65-125
delta-BHC	0.2000	0.1965	98	45-135
gamma-BHC (Lindane)	0.2000	0.1902	95	25-135

COMMENTS:

SOM_002

SW846

3L - FORM III PEST-3
WATER PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-48931

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-48931 LCS Lot No.:

Date Extracted: 01/29/2010 Date Analyzed (1): 02/17/2010

Heptachlor	0.2000	0.1646	82	40-130
Aldrin	0.2000	0.1560	78	25-140
Heptachlor epoxide	0.2000	0.1766	88	60-130
Endosulfan I	0.2000	0.1486	74	50-110
Dieldrin	0.4000	0.3613	90	60-130
4,4´-DDE	0.4000	0.3482	87	35-140
Endrin	0.4000	0.3640	91	55-135
Endosulfan II	0.4000	0.3557	89	30-130
4,4´-DDD	0.4000	0.3599	90	25-150
Endosulfan sulfate	0.4000	0.3972	99	55-135
4,4´-DDT	0.4000	0.3577	89	45-140
Methoxychlor	2.0000	1.9494	97	55-150
Endrin ketone	0.4000	0.4021	101	75-125
Endrin aldehyde	0.4000	0.4005	100	55-135
alpha-Chlordane	0.2000	0.1683	84	65-125
gamma-Chlordane	0.2000	0.2427	121	60-125

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 40 outside limits.

COMMENTS:

SOM_002

SW846

3J - FORM III ARO-1

WATER AROCLOR MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: E2 GC Column : CLPPest ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
AR1016	4.0000	0.0000	4.0231	101		25-145
AR1260	4.0000	0.0000	3.7918	95		30-145

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
AR1016	4.0000	3.7404	94		7		0-30	25-145
AR1260	4.0000	3.7639	94		1		0-30	30-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

COMMENTS:

3J - FORM III ARO-1

WATER AROCLOR MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix Spike - EPA Sample No.: 7-34-074-SW2-06

Instrument ID: E2 GC Column : CLPPestII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS %REC	#	QC. LIMITS REC.
AR1016	4.0000	0.0000	4.3274	108		25-145
AR1260	4.0000	0.0000	3.7266	93		30-145

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
AR1016	4.0000	3.7782	94		14		0-30	25-145
AR1260	4.0000	3.6646	92		2		0-30	30-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

COMMENTS:

3N - FORM III ARO-3
WATER AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

EPA SAMPLE NO.
LCS-48930

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab Sample ID: LCS-48930 LCS Lot No.:

Date Extracted: 01/29/2010 Date Analyzed (1): 02/09/2010

Instrument ID (1): E2 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS
Aroclor-1016	4.0000	3.5121	88		25-145
Aroclor-1260	4.0000	3.2898	82		30-145

Instrument ID (2): E2 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 02/09/2010

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS
Aroclor-1016	4.0000	3.4657	87		25-145
Aroclor-1260	4.0000	3.2398	81		30-145

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits.

COMMENTS:

SOM_002

SW846

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

7-34-074-SW2-06S

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	9000		203		9100	97		P
Antimony	75-125	476		4.2	U	456	104		P
Arsenic	75-125	452		3.1	U	456	99		P
Barium	75-125	8520		92.9	B	9100	93		P
Beryllium	75-125	218		0.037	U	227	96		P
Cadmium	75-125	216		0.50	U	227	95		P
Chromium	75-125	849		2.9	B	910	93		P
Cobalt	75-125	2160		0.67	U	2270	95		P
Copper	75-125	1140		14.1	B	1130	99		P
Iron	75-125	5050		837		4550	93		P
Lead	75-125	440		6.9	B	455	95		P
Manganese	75-125	2440		236		2270	97		P
Nickel	75-125	2130		5.9	B	2270	94		P
Selenium	75-125	419		10.0	U	455	92		P
Silver	75-125	1140		2.4	U	1130	101		P
Thallium	75-125	394		5.7	U	455	87		P
Vanadium	75-125	2180		1.2	B	2270	96		P
Zinc	75-125	2180		60.8		2270	94		P
Mercury	75-125	5.1		0.056	U	4.6	112		CV

Comments:

U.S. EPA - CLP

6

DUPLICATES

EPA SAMPLE NO.

7-34-074-SW2-06D

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	200.0	203.0707		190.2949	B	6.5		P
Antimony		4.2000	U	4.2000	U			P
Arsenic		3.1000	U	3.1000	U			P
Barium		92.8792	B	93.5630	B	0.7		P
Beryllium		0.0370	U	0.0370	U			P
Cadmium		0.5000	U	0.5000	U			P
Calcium		168853.2034		169715.8665		0.5		P
Chromium		2.8547	B	3.1728	B	10.6		P
Cobalt		0.6700	U	0.6700	U			P
Copper		14.1170	B	13.6240	B	3.6		P
Iron	200.0	836.6486		802.7204		4.1		P
Lead		6.8993	B	6.7047	B	2.9		P
Magnesium		32928.5884		32938.8989		0		P
Manganese	50.0	236.0286		241.2649		2.2		P
Nickel		5.9453	B	5.8692	B	1.3		P
Potassium	1000.0	3928.4225		4001.7768		1.8		P
Selenium		10.0000	U	10.0000	U			P
Silver		2.4000	U	2.4000	U			P
Sodium		348273.5123		354406.7981		1.7		P
Thallium		5.7000	U	5.7000	U			P
Vanadium		1.2464	B	1.0639	B	15.8		P
Zinc	50.0	60.8492		57.7444		5.2		P
Mercury		0.0560	U	0.0560	U			CV

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49034

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab File ID: V1L0743.D Lab Sample ID: MB-49034

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 02/03/2010

Level: (TRACE or LOW/MED) LOW Time Analyzed: 20:40

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-49034	LCS-49034	V1L0740.D	19:18
02	LCSD-49034	LCSD-49034	V1L0741.D	19:45
03	7-34-074-SW2-01	J0150-01A	V1L0758.D	3:25
04	7-34-074-SW2-02	J0150-02A	V1L0759.D	3:52
05	7-34-074-SW2-03	J0150-03A	V1L0760.D	4:19
06	7-34-074-SW2-04	J0150-04A	V1L0761.D	4:46

COMMENTS:

SOM_002

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49034

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49034

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0743.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/03/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49034

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: MB-49034

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0743.D

Level: (TRACE/LOW/MED) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 02/03/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49055

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab File ID: V1L0777.D Lab Sample ID: MB-49055

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 02/04/2010

Level: (TRACE or LOW/MED) LOW Time Analyzed: 11:04

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-49055	LCS-49055	V1L0774.D	9:43
02	7-34-074-SW2-05	J0150-05A	V1L0793.D	18:20
03	7-34-074-SW2-06	J0150-06A	V1L0794.D	18:46
04	7-34-074-SW2-06MS	J0150-06AMS	V1L0795.D	19:14
05	7-34-074-SW2-06MSD	J0150-06AMSD	V1L0796.D	19:41

COMMENTS:

SOM_002

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49055

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49055

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0777.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49055

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-49055

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1L0777.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 02/04/2010

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-49067

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab File ID: V1L0808.D Lab Sample ID: MB-49067

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 02/05/2010

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1:05

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LCS-49067	LCS-49067	V1L0805.D	23:44
02	TRIP BLANK	J0150-09A	V1L0809.D	1:32
03	7-34-074-SW2-07	J0150-07A	V1L0811.D	2:27
04	7-34-074-SW2-DUP01	J0150-08A	V1L0812.D	2:54

COMMENTS:

SOM_002

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49067

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.:

SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: MB-49067

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0808.D

Level: (TRACE/LOW/MED) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Iodomethane	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl acetate	5.0	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
74-95-3	Dibromomethane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U

1B - FORM I VOA-2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-49067

Lab Name: MITKEM LABORATORIES

Contract:

Lab Code: MITKEM Case No.: J0150

Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER

Lab Sample ID: MB-49067

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: V1L0808.D

Level: (TRACE/LOW/MED) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 02/05/2010

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Purge Volume: 5.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	m,p-Xylene	5.0	U
95-47-6	o-Xylene	5.0	U
1330-20-7	Xylene (Total)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
108-86-1	Bromobenzene	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
91-20-3	Naphthalene	5.0	U

4C - FORM IV SV

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-48991

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab File ID: S1G2065.D Lab Sample ID: MB-48991

Instrument ID: S1 Date Extracted: 02/02/2010

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 02/09/2010

Level: (LOW/MED) LOW Time Analyzed: 21:15

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-48991	LCS-48991	S1G2066.D	02/09/2010
02	7-34-074-SW2-01	J0150-01C	S1G2071.D	02/09/2010
03	7-34-074-SW2-02	J0150-02C	S1G2072.D	02/09/2010
04	7-34-074-SW2-03	J0150-03C	S1G2073.D	02/10/2010
05	7-34-074-SW2-04	J0150-04C	S1G2074.D	02/10/2010
06	7-34-074-SW2-05	J0150-05C	S1G2075.D	02/10/2010
07	7-34-074-SW2-06	J0150-06C	S1G2076.D	02/10/2010
08	7-34-074-SW2-06MS	J0150-06CMS	S1G2077.D	02/10/2010
09	7-34-074-SW2-06MSD	J0150-06CMSD	S1G2078.D	02/10/2010
10	7-34-074-SW2-07	J0150-07C	S1G2079.D	02/10/2010
11	7-34-074-SW2-DUP01	J0150-08C	S1G2080.D	02/10/2010

COMMENTS:

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-48991

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-48991

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2065.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

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

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-48991

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-48991

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1G2065.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

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

Concentrated Extract Volume: 1000 (uL) Date Extracted: 02/02/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 02/09/2010

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-48931

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab File ID: E4F5615F.D / E4F5615R.D Lab Sample ID: MB-48931

Matrix: (SOIL/SED/WATER) WATER Extraction: (Type) SEPF Date Extracted: 01/29/2010

Sulfur Cleanup: (Y/N) Y GPC Cleanup:(Y/N) N

Date Analyzed (1): 02/17/2010 Date Analyzed (2): 02/17/2010

Time Analyzed (1): 5:42 Time Analyzed (2): 5:42

Instrument ID (1): E4 Instrument ID (2): E4

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	LCS-48931	LCS-48931	02/17/2010	02/17/2010
02	7-34-074-SW2-01	J0150-01C	02/17/2010	02/17/2010
03	7-34-074-SW2-02	J0150-02C	02/17/2010	02/17/2010
04	7-34-074-SW2-03	J0150-03C	02/17/2010	02/17/2010
05	7-34-074-SW2-04	J0150-04C	02/17/2010	02/17/2010
06	7-34-074-SW2-05	J0150-05C	02/17/2010	02/17/2010
07	7-34-074-SW2-06	J0150-06C	02/17/2010	02/17/2010
08	7-34-074-SW2-06MS	J0150-06CMS	02/17/2010	02/17/2010
09	7-34-074-SW2-06MSD	J0150-06CMSD	02/17/2010	02/17/2010
10	7-34-074-SW2-07	J0150-07C	02/17/2010	02/17/2010
11	7-34-074-SW2-DUP01	J0150-08C	02/17/2010	02/17/2010

COMMENTS:

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-48931

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-48931

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E4F5615F.D/E4F5615R.D

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

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/17/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

4F - FORM IV ARO

AROCLOR METHOD BLANK SUMMARY

EPA SAMPLE NO.

MB-48930

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Lab File ID: E2J0742F.D / E2J0742R.D Lab Sample ID: MB-48930

Matrix: (SOIL/SED/WATER) WATER Extraction: (Type) SEPF Date Extracted: 01/29/2010

Sulfur Cleanup: (Y/N) N GPC Cleanup:(Y/N) N

Acid Cleanup: (Y/N N

Date Analyzed (1): 02/09/2010 Date Analyzed (2): 02/09/2010

Time Analyzed (1): 17:06 Time Analyzed (2): 17:06

Instrument ID (1): E2 Instrument ID (2): E2

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	7-34-074-SW2-01	J0150-01C	02/09/2010	02/09/2010
02	7-34-074-SW2-02	J0150-02C	02/09/2010	02/09/2010
03	7-34-074-SW2-03	J0150-03C	02/09/2010	02/09/2010
04	7-34-074-SW2-04	J0150-04C	02/09/2010	02/09/2010
05	7-34-074-SW2-05	J0150-05C	02/09/2010	02/09/2010
06	7-34-074-SW2-06	J0150-06C	02/09/2010	02/09/2010
07	7-34-074-SW2-06MS	J0150-06CMS	02/09/2010	02/09/2010
08	7-34-074-SW2-06MSD	J0150-06CMSD	02/09/2010	02/09/2010
09	7-34-074-SW2-07	J0150-07C	02/09/2010	02/09/2010
10	7-34-074-SW2-DUP01	J0150-08C	02/09/2010	02/09/2010
11	LCS-48930	LCS-48930	02/09/2010	02/09/2010

COMMENTS:

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB-48930

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-48930

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2J0742F.D/E2J0742R.D

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

Extraction: (Type) SEPF Date Extracted: 01/29/2010

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/09/2010

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

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

Acid Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-49219

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

FIMS1_100212B

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Mercury	0.056	U	0.056	U	0.056	U			0.056	U	CV

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-49217

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

OPTIMA3_100212A

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Potassium	59.4	B	67.1	B	59.0	U	65.5	B	82.952	B	P
Sodium	29.0	U	130.1	B	71.6	B	48.2	B	30.151	B	P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Preparation Blank Matrix (soil/water): Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg):

OPTIMA3_100212A

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Sodium			45.8	B							P

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 14368.42

Lab Code: MITKEM Case No.: SAS No.: SDG No.: SJ0150

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-49217

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

OPTIMA3_100216B

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Aluminum	12.0	U	12.0	U	12.0	U			38.225	B	P
Antimony	4.2	U	4.2	U	5.6	B			4.200	U	P
Arsenic	3.1	U	3.1	U	3.1	U			3.100	U	P
Barium	2.9	U	2.9	U	2.9	U			2.900	U	P
Beryllium	0.0	B	0.0	U	0.0	U			0.067	B	P
Cadmium	0.5	U	0.5	U	0.5	U			0.500	U	P
Calcium	87.0	U	87.0	U	87.0	U			87.000	U	P
Chromium	0.5	U	0.5	U	0.5	U			0.500	U	P
Cobalt	0.7	U	0.7	U	0.7	U			0.670	U	P
Copper	4.7	U	4.7	U	4.7	U			6.024	B	P
Iron	47.0	U	47.0	U	47.0	U			47.000	U	P
Lead	2.1	U	-3.5	B	2.1	U			2.100	U	P
Magnesium	62.0	U	62.0	U	62.0	U			62.000	U	P
Manganese	3.5	U	3.5	U	3.5	U			22.324	B	P
Nickel	0.6	U	0.6	U	0.6	U			0.640	U	P
Selenium	10.0	U	10.0	U	10.0	U			10.000	U	P
Silver	5.5	B	2.4	U	2.4	U			2.400	U	P
Thallium	5.7	U	5.7	U	5.7	U			5.700	U	P
Vanadium	0.3	U	0.3	U	0.4	B			0.340	U	P
Zinc	7.0	U	7.0	U	7.0	U			10.305	B	P

8A - FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/03/2010 02/03/2010

EPA Sample No.(VSTD#####): VSTD0501J Date Analyzed: 02/03/2010

Lab File ID (Standard): V1L0739.D Time Analyzed: 18:51

Instrument ID: V1 Heated Purge: (Y/N) N

		IS1 (S1) AREA #	RT #	IS2 (S2) AREA #	RT #	IS3 (S3) AREA #	RT #
	12 HOUR STD	1142092	6.356	828682	10.058	347006	12.962
	UPPER LIMIT	2284184	6.856	1657364	10.558	694012	13.462
	LOWER LIMIT	571046	5.856	414341	9.558	173503	12.462
	SAMPLE NO.						
01	LCS-49034	1140283	6.351	812737	10.063	348658	12.957
02	LCSD-49034	1184237	6.364	846252	10.067	360922	12.961
03	MB-49034	1153370	6.358	828969	10.060	347125	12.955
04	7-34-074-SW2 -01	1165946	6.354	817972	10.056	323103	12.951
05	7-34-074-SW2 -02	1191717	6.354	845269	10.057	335083	12.961
06	7-34-074-SW2 -03	1220247	6.357	856178	10.059	335467	12.954
07	7-34-074-SW2 -04	1187404	6.350	835983	10.052	327067	12.956

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

8A - FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/03/2010 02/03/2010

EPA Sample No.(VSTD#####): VSTD0501K Date Analyzed: 02/04/2010

Lab File ID (Standard): V1L0773.D Time Analyzed: 9:04

Instrument ID: V1 Heated Purge: (Y/N) N

		IS1 (S1) AREA #	RT #	IS2 (S2) AREA #	RT #	IS3 (S3) AREA #	RT #
	12 HOUR STD	979328	6.336	695518	10.048	289924	12.943
	UPPER LIMIT	1958656	6.836	1391036	10.548	579848	13.443
	LOWER LIMIT	489664	5.836	347759	9.548	144962	12.443
	SAMPLE NO.						
01	LCS-49055	901354	6.345	638535	10.057	266538	12.952
02	MB-49055	901200	6.345	643381	10.047	261551	12.942
03	7-34-074-SW2-05	1031643	6.345	725272	10.047	288504	12.942
04	7-34-074-SW2-06	1132900	6.346	788772	10.048	315780	12.943
05	7-34-074-SW2-06MS	1138242	6.350	794731	10.052	327310	12.947
06	7-34-074-SW2-06MSD	987178	6.351	710425	10.044	287543	12.948

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

8A - FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 02/03/2010 02/03/2010

EPA Sample No.(VSTD#####): VSTD0501M Date Analyzed: 02/04/2010

Lab File ID (Standard): V1L0803.D Time Analyzed: 22:50

Instrument ID: V1 Heated Purge: (Y/N) N

		IS1 (S1) AREA #	RT #	IS2 (S2) AREA #	RT #	IS3 (S3) AREA #	RT #
	12 HOUR STD	1096586	6.321	769353	10.033	313323	12.947
	UPPER LIMIT	2193172	6.821	1538706	10.533	626646	13.447
	LOWER LIMIT	548293	5.821	384677	9.533	156662	12.447
	SAMPLE NO.						
01	LCS-49067	1075800	6.340	750055	10.042	307405	12.947
02	MB-49067	1113575	6.330	768101	10.032	305006	12.937
03	TRIP BLANK	1133840	6.338	795254	10.040	307291	12.945
04	7-34-074-SW2-07	1177808	6.334	821751	10.036	325001	12.941
05	7-34-074-SW2-DUP01	1182373	6.335	818431	10.037	322810	12.942

IS1 () = Fluorobenzene

IS2 () = Chlorobenzene-d5

IS3 () = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 200% (Low-Medium Volatiles) and 140% (Trace Volatiles) of internal standard area

AREA LOWER LIMIT = 50% (Low-Medium Volatiles) and 60% (Trace Volatiles) of internal standard area

RT UPPER LIMIT = +0.50 (Low-Medium Volatiles) and +0.33 (Trace Volatiles) minutes of internal standard RT

RT LOWER LIMIT = -0.50 (Low-Medium Volatiles) and -0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

GC Column: Rxi-5sil MS ID: 0.25 (mm) Init. Calib. Date(s): 02/09/2010 02/09/2010

EPA Sample No.(SSTD020##): SSTD0501A Date Analyzed: 02/09/2010

Lab File ID (Standard): S1G2061.D Time Analyzed: 19:45

Instrument ID: S1

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	52849	3.932	173645	5.121	101639	6.838
	UPPER LIMIT	105698	4.432	347290	5.621	203278	7.338
	LOWER LIMIT	26425	3.432	86823	4.621	50820	6.338
	SAMPLE NO.						
01	MB-48991	62679	3.933	204295	5.111	127764	6.829
02	LCS-48991	64966	3.936	211290	5.124	125512	6.831
03	7-34-074-SW2-01	55548	3.936	183155	5.113	110063	6.831
04	7-34-074-SW2-02	51784	3.935	163606	5.113	99369	6.831
05	7-34-074-SW2-03	56683	3.933	180487	5.111	117381	6.829
06	7-34-074-SW2-04	60077	3.932	196259	5.110	116777	6.827
07	7-34-074-SW2-05	57789	3.932	189169	5.120	110270	6.827
08	7-34-074-SW2-06	46698	3.932	155306	5.110	93329	6.828
09	7-34-074-SW2-06MS	52145	3.936	173532	5.124	106435	6.831
10	7-34-074-SW2-06MSD	60099	3.932	193247	5.121	118155	6.838

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

8D - FORM VIII SV-2

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

EPA Sample No.(SSTD020##): SSTD0501A Date Analyzed: 02/09/2010

Lab File ID (Standard): S1G2061.D Time Analyzed: 19:45

Instrument ID: S1 GC Column: Rxi-5sil MS ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	123413		8.297		112762		10.922		82435		12.467	
	UPPER LIMIT	246826		8.797		225524		11.422		164870		12.967	
	LOWER LIMIT	61707		7.797		56381		10.422		41218		11.967	
	SAMPLE NO.												
01	MB-48991	154589		8.287		145222		10.902		121386		12.457	
02	LCS-48991	160912		8.300		139690		10.915		104197		12.460	
03	7-34-074-SW2-01	131835		8.289		121373		10.904		82367		12.449	
04	7-34-074-SW2-02	128090		8.289		114668		10.904		82158		12.449	
05	7-34-074-SW2-03	136556		8.287		119458		10.902		90440		12.446	
06	7-34-074-SW2-04	151074		8.297		134905		10.900		99400		12.456	
07	7-34-074-SW2-05	141898		8.297		121106		10.900		85242		12.445	
08	7-34-074-SW2-06	116057		8.286		97793		10.901		68160		12.445	
09	7-34-074-SW2-06MS	133098		8.301		121550		10.915		77274		12.460	
10	7-34-074-SW2-06MSD	149028		8.297		120114		10.911		71239		12.456	

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

GC Column: Rxi-5sil MS ID: 0.25 (mm) Init. Calib. Date(s): 02/09/2010 02/09/2010

EPA Sample No.(SSTD020##): SSTD0501A Date Analyzed: 02/09/2010

Lab File ID (Standard): S1G2061.D Time Analyzed: 19:45

Instrument ID: S1

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	52849	3.932	173645	5.121	101639	6.838
	UPPER LIMIT	105698	4.432	347290	5.621	203278	7.338
	LOWER LIMIT	26425	3.432	86823	4.621	50820	6.338
	SAMPLE NO.						
11	7-34-074-SW2-07	47537	3.933	156156	5.121	94602	6.828
12	7-34-074-SW2-DUP01	58226	3.933	187059	5.121	107947	6.828

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

8D - FORM VIII SV-2

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: J0150 Mod. Ref No.: SDG No.: SJ0150

EPA Sample No.(SSTD020##): SSTD0501A Date Analyzed: 02/09/2010

Lab File ID (Standard): S1G2061.D Time Analyzed: 19:45

Instrument ID: S1 GC Column: Rxi-5sil MS ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	123413	8.297	112762	10.922	82435	12.467
	UPPER LIMIT	246826	8.797	225524	11.422	164870	12.967
	LOWER LIMIT	61707	7.797	56381	10.422	41218	11.967
	SAMPLE NO.						
11	7-34-074-SW2-07	114200	8.287	95101	10.901	60918	12.446
12	7-34-074-SW2-DUP01	136649	8.287	107118	10.901	69904	12.446

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.