MITKEM LABORATORIES

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

November 5, 2008

TVGA Consultants
100 Maple Road
Elma, NY 14059
Attn: Mr. James C. Manzella

Client Project: Former Edgewood Warehouse
Lab Workorder: G1775

Dear Mr. Manzella:

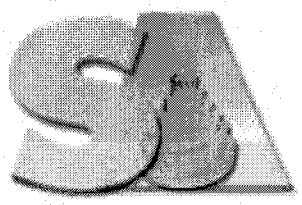
Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

Please call if you have any questions. We appreciate your business.

Sincerely,

Agnes R. Huntley
CLP Project Manager

MITKEM LABORATORIES



* Data Summary Pack *

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
FEW-FLOOR-2	G1775-01	SW8260_W	SW8270_W	SW8082_W	SW6010_W	
FEW-FLOOR-2	G1775-01				SW7470	
FEW-FLOOR-3	G1775-02	SW8260_W	SW8270_W	SW8082_W	SW6010_W	
FEW-FLOOR-3	G1775-02				SW7470	

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8260_W					
G1775-01A	LOOOKUP	10/9/2008	10/10/2008	NA	10/24/2008
G1775-02A	LOOOKUP	10/9/2008	10/10/2008	NA	10/24/2008

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8270_W					
G1775-01B	LOOOKUP	10/9/2008	10/10/2008	10/20/2008	10/22/2008
G1775-02B	LOOOKUP	10/9/2008	10/10/2008	10/20/2008	10/22/2008

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
SW8082_W					
G1775-01B	LOOOKUP	10/9/2008	10/10/2008	10/20/2008	10/22/2008
G1775-02B	LOOOKUP	10/9/2008	10/10/2008	10/20/2008	10/22/2008

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
SW8260_W					
G1775-01A	LOOOKUP	SW8260_W	NA	LOW	1
G1775-02A	LOOOKUP	SW8260_W	NA	LOW	1

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8270_W					
G1775-01B	LOOOKUP	SW8270_W	3510C	NA	1
G1775-02B	LOOOKUP	SW8270_W	3510C	NA	1

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
SW8082_W					
G1775-01B	LOOOKUP	SW8082_W	3510C	Acid/Sulfur	1
G1775-02B	LOOOKUP	SW8082_W	3510C	Acid/Sulfur	1

Mitkem Laboratories

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

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
SW6010_W				
G1775-01B	LOOOKUP	SW6010_W	10/10/2008	10/17/2008
G1775-02B	LOOOKUP	SW6010_W	10/10/2008	10/17/2008
SW7470				
G1775-01B	LOOOKUP	SW7470	10/10/2008	10/17/2008
G1775-02B	LOOOKUP	SW7470	10/10/2008	10/17/2008

Mitkem Laboratories

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary Toxicity Characteristic Leaching Procedure

Project Name : Former Edgewood Warehouse - TCLP **SDG :** G1775

Laboratory Sample ID	Matrix	Analytical Protocol	Date Collected	Date Received By Lab	Date Extracted
SW1311					
G1775-01A	LOOKUP	SW1311	10/9/2008	10/10/2008	10/20/2008
G1775-01B	LOOKUP	SW1311	10/9/2008	10/10/2008	10/16/2008
G1775-02A	LOOKUP	SW1311	10/9/2008	10/10/2008	10/20/2008
G1775-02B	LOOKUP	SW1311	10/9/2008	10/10/2008	10/16/2008

Analytical Data Package for TVGA Consultants.

Client Project: Former Edgewood Warehouse

Mitkem Work Order ID: G1775

November 5, 2008

Prepared For:

TVGA Consultants
100 Maple Road
Elma, NY 14059
Attn: Mr. James C. Manzella

Prepared By:

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

SDG Narrative

Mitkem Laboratories submits the enclosed data package in response to TVGA Consultants' Former Edgewood Warehouse project. Under this deliverable, analysis results are presented for two solid samples that were received on October 10, 2008. Analyses were performed per specification in the chain of custody form. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID and laboratory sample ID.

The analyses were performed and reported per NYSDEC ASP (2000 update) 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. TCLP 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.

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

3. TCLP Semivolatile Analysis:

Surrogate recovery: recoveries were within the QC limits with the exception of low recovery of nitrobenzene-d5 in sample FEW-FLOOR-2.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits with the exception of low recover of hexachlorobutadiene in the lab control sample and low recovery of hexachloroethane in the lab control sample duplicate. Replicate RPDs were within the QC limits.

Sample analysis: results for the regulated TCLP semivolatile organic compound Total Cresols are reported on the data sheets as 2-methylphenol and 4-methylphenol. The sum of these two results on the data report sheet equals Total Cresols. The analytical result reported for 4-methylphenol also includes the concentration for the 3-methylphenol isomer; these two isomers cannot be separated using this method. Total Cresol is the combination of the 2-, 3-, and 4-methylphenol isomers. No other unusual observation was made for the analysis.

4. TCLP PCB Analysis:

Surrogate recovery: recoveries were within the QC limits with the exception of low recovery of tetrachloro-m-xylene in one column and low recovery of decachlorobiphenyl in both columns for sample FEW-FLOOR-3. The sample was re-analyzed with similar findings. Only one set of data has been submitted.

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

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

5. TCLP Metals Analysis:

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

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

All pages in this report have been numbered consecutively, starting with the title page 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. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Huntley

Agnes Huntley
CLP Project Manager
11/05/08

Mitkem Laboratories

10/Oct/08 17:24

WorkOrder: G1775

Client ID: TVGA
Project: Former Edgewood Warehouse - TCLP
Location:
Comments: N/A

Case:
SDG:
PO: 2008.0011.00

Report Level: ASP-B
EDD:
HC Due: 10/31/08
Fax Due:

Sample ID	HS Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
G1775-01A	FEW-FLOOR-2	10/09/2008 15:30	10/10/2008	Miscellane	SW8260_W	TCLP_VOA	☐	☐	☑	VOA
G1775-01B	FEW-FLOOR-2	10/09/2008 15:30	10/10/2008	Miscellane	SW6010_W	TCLP_METALS	☐	☐	☑	J5
					SW7470	TCLP_METALS	☐	☐	☐	J5
					SW8082_W	TCLP_PCB	☐	☐	☑	J5
					SW8270_W	TCLP_SVOA	☐	☐	☑	J5
G1775-02A	FEW-FLOOR-3	10/09/2008 16:50	10/10/2008	Miscellane	SW8260_W	TCLP_VOA	☐	☐	☑	VOA
G1775-02B	FEW-FLOOR-3	10/09/2008 16:50	10/10/2008	Miscellane	SW6010_W	TCLP_METALS	☐	☐	☑	J5
					SW7470	TCLP_METALS	☐	☐	☐	J5
					SW8082_W	TCLP_PCB	☐	☐	☑	J5
					SW8270_W	TCLP_SVOA	☐	☐	☑	J5

Client Rep: Agnes R Ng

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FEW-FLOOR-2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G1775-01A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K0541.D

Level: (TRACE/LOW/MED) LOW Date Received: 10/10/2008

% Moisture: not dec. Date Analyzed: 10/24/2008

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) UG/L	Q
75-01-4	Vinyl chloride	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
67-66-3	Chloroform	5.0	U
56-23-5	Carbon tetrachloride	2.1	J
107-06-2	1,2-Dichloroethane	3.4	J
71-43-2	Benzene	5.0	U
79-01-6	Trichloroethene	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-90-7	Chlorobenzene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FEW-FLOOR-3

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G1775-02A

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K0542.D

Level: (TRACE/LOW/MED) LOW Date Received: 10/10/2008

% Moisture: not dec. Date Analyzed: 10/24/2008

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) UG/L	Q
75-01-4	Vinyl chloride	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
67-66-3	Chloroform	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
107-06-2	1,2-Dichloroethane	3.9	J
71-43-2	Benzene	1.2	J
79-01-6	Trichloroethene	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-90-7	Chlorobenzene	5.0	U

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V1ZLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-39550

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K0534.D

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

% Moisture: not dec. Date Analyzed: 10/24/2008

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) UG/L	Q
75-01-4	Vinyl chloride	46	
75-35-4	1,1-Dichloroethene	44	
78-93-3	2-Butanone	53	
67-66-3	Chloroform	49	
56-23-5	Carbon tetrachloride	47	
107-06-2	1,2-Dichloroethane	50	
71-43-2	Benzene	50	
79-01-6	Trichloroethene	53	
127-18-4	Tetrachloroethene	48	
108-90-7	Chlorobenzene	49	

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V1ZLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-39550

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K0535.D

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

% Moisture: not dec. Date Analyzed: 10/24/2008

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) UG/L	Q
75-01-4	Vinyl chloride	52	
75-35-4	1,1-Dichloroethene	49	
78-93-3	2-Butanone	58	
67-66-3	Chloroform	52	
56-23-5	Carbon tetrachloride	54	
107-06-2	1,2-Dichloroethane	51	
71-43-2	Benzene	53	
79-01-6	Trichloroethene	57	
127-18-4	Tetrachloroethene	54	
108-90-7	Chlorobenzene	52	

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FEW-FLOOR-2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G1775-01B

Sample wt/vol: 300 (g/mL) ML Lab File ID: S1F8515.D

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

% Moisture: Decanted: (Y/N) Date Received: 10/10/2008

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/22/2008

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-46-7	1,4-Dichlorobenzene	33	U
95-48-7	2-Methylphenol	16	J
106-44-5	4-Methylphenol	32	J
67-72-1	Hexachloroethane	33	U
98-95-3	Nitrobenzene	33	U
87-68-3	Hexachlorobutadiene	33	U
88-06-2	2,4,6-Trichlorophenol	33	U
95-95-4	2,4,5-Trichlorophenol	67	U
121-14-2	2,4-Dinitrotoluene	33	U
118-74-1	Hexachlorobenzene	33	U
87-86-5	Pentachlorophenol	67	U
110-86-1	Pyridine	33	U

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FEW-FLOOR-3

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G1775-02B

Sample wt/vol: 300 (g/mL) ML Lab File ID: S1F8516.D

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

% Moisture: Decanted: (Y/N) Date Received: 10/10/2008

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/22/2008

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-46-7	1,4-Dichlorobenzene	33	U
95-48-7	2-Methylphenol	8.7	J
106-44-5	4-Methylphenol	26	J
67-72-1	Hexachloroethane	33	U
98-95-3	Nitrobenzene	33	U
87-68-3	Hexachlorobutadiene	33	U
88-06-2	2,4,6-Trichlorophenol	33	U
95-95-4	2,4,5-Trichlorophenol	67	U
121-14-2	2,4-Dinitrotoluene	33	U
118-74-1	Hexachlorobenzene	33	U
87-86-5	Pentachlorophenol	67	U
110-86-1	Pyridine	33	U

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1WLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-39410

Sample wt/vol: 300 (g/mL) ML Lab File ID: S1F8513.D

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

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

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/22/2008

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-46-7	1,4-Dichlorobenzene	85	
95-48-7	2-Methylphenol	120	
106-44-5	4-Methylphenol	120	
67-72-1	Hexachloroethane	50	
98-95-3	Nitrobenzene	150	
87-68-3	Hexachlorobutadiene	36	
88-06-2	2,4,6-Trichlorophenol	150	
95-95-4	2,4,5-Trichlorophenol	140	
121-14-2	2,4-Dinitrotoluene	160	
118-74-1	Hexachlorobenzene	160	
87-86-5	Pentachlorophenol	140	
110-86-1	Pyridine	95	

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S1WLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-39410

Sample wt/vol: 300 (g/mL) ML Lab File ID: S1F8514.D

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

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

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/22/2008

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-46-7	1,4-Dichlorobenzene	80	
95-48-7	2-Methylphenol	120	
106-44-5	4-Methylphenol	120	
67-72-1	Hexachloroethane	48	
98-95-3	Nitrobenzene	140	
87-68-3	Hexachlorobutadiene	42	
88-06-2	2,4,6-Trichlorophenol	140	
95-95-4	2,4,5-Trichlorophenol	140	
121-14-2	2,4-Dinitrotoluene	160	
118-74-1	Hexachlorobenzene	150	
87-86-5	Pentachlorophenol	130	
110-86-1	Pyridine	94	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FEW-FLOOR-2

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G1775-01B

Sample wt/vol: 300 (g/mL) ML Lab File ID: E2H4014F.D/E2H4014R.D

% Moisture: Decanted: (Y/N) Date Received: 10/10/2008

Extraction: (Type) SEPF Date Extracted: 10/20/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

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

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

Acid Cleanup: (Y/N) Y

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

SW846

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FEW-FLOOR-3

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: G1775-02B

Sample wt/vol: 300 (g/mL) ML Lab File ID: E2H4015F.D/E2H4015R.D

% Moisture: Decanted: (Y/N) Date Received: 10/10/2008

Extraction: (Type) SEPF Date Extracted: 10/20/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

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

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

Acid Cleanup: (Y/N) Y

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

SW846

1H - FORM I PEST

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ALCS2S(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-39412

Sample wt/vol: 300 (g/mL) ML Lab File ID: E2H4012F.D

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

Extraction: (Type) SEPF Date Extracted: 10/20/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

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

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	10	
11104-28-2	Aroclor-1221	3.3	U
11141-16-5	Aroclor-1232	3.3	U
53469-21-9	Aroclor-1242	3.3	U
12672-29-6	Aroclor-1248	3.3	U
11097-69-1	Aroclor-1254	3.3	U
11096-82-5	Aroclor-1260	11	

SW846

1H - FORM I PEST

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ALCS2S(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-39412

Sample wt/vol: 300 (g/mL) ML Lab File ID: E2H4012R.D

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

Extraction: (Type) SEPF Date Extracted: 10/20/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

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

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	12	
11104-28-2	Aroclor-1221	3.3	U
11141-16-5	Aroclor-1232	3.3	U
53469-21-9	Aroclor-1242	3.3	U
12672-29-6	Aroclor-1248	3.3	U
11097-69-1	Aroclor-1254	3.3	U
11096-82-5	Aroclor-1260	10	

SW846

1H - FORM I PEST

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ALCSD2S(1)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-39412

Sample wt/vol: 300 (g/mL) ML Lab File ID: E2H4013F.D

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

Extraction: (Type) SEPF Date Extracted: 10/20/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

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

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	10	
11104-28-2	Aroclor-1221	3.3	U
11141-16-5	Aroclor-1232	3.3	U
53469-21-9	Aroclor-1242	3.3	U
12672-29-6	Aroclor-1248	3.3	U
11097-69-1	Aroclor-1254	3.3	U
11096-82-5	Aroclor-1260	12	

1H - FORM I PEST

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ALCSD2S(2)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-39412

Sample wt/vol: 300 (g/mL) ML Lab File ID: E2H4013R.D

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

Extraction: (Type) SEPF Date Extracted: 10/20/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

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

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

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	12	
11104-28-2	Aroclor-1221	3.3	U
11141-16-5	Aroclor-1232	3.3	U
53469-21-9	Aroclor-1242	3.3	U
12672-29-6	Aroclor-1248	3.3	U
11097-69-1	Aroclor-1254	3.3	U
11096-82-5	Aroclor-1260	10	

SW846

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR-2

Lab Name: Mitkem Laboratories Contract: 2008.0011.0

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Matrix (soil/water): WATER Lab Sample ID: G1775-01

Level (low/med): MED Date Received: 10/10/2008

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.3	U		P
7440-39-3	Barium	420			P
7440-43-9	Cadmium	43.0			P
7440-47-3	Chromium	19.4	B		P
7439-92-1	Lead	307			P
7439-97-6	Mercury	0.034	B		CV
7782-49-2	Selenium	6.6	U		P
7440-22-4	Silver	0.59	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FEW-FLOOR-3

Lab Name: Mitkem Laboratories Contract: 2008.0011.0

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Matrix (soil/water): WATER Lab Sample ID: G1775-02

Level (low/med): MED Date Received: 10/10/2008

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.3	U		P
7440-39-3	Barium	277			P
7440-43-9	Cadmium	241			P
7440-47-3	Chromium	47.8			P
7439-92-1	Lead	40400			P
7439-97-6	Mercury	0.046	B		CV
7782-49-2	Selenium	6.6	U		P
7440-22-4	Silver	0.59	U		P

Comments:

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-39370

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Arsenic	455.0	502.92	110.5						
Barium	9100.0	10022.70	110.1						
Cadmium	227.0	248.99	109.7						
Chromium	910.0	975.98	107.3						
Lead	455.0	493.92	108.6						
Selenium	455.0	494.62	108.7						
Silver	1130.0	1225.90	108.5						

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-39372

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury	4.6	4.15	90.2						

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Solid LCS Source: LCS(D) ID:

Aqueous LCS Source: LCSD-39372

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury	4.6	4.16	90.4						

2B - FORM II VOA-2

WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Level: (TRACE or LOW) LOW

	CLIENT SAMPLE NO.	VDMC1 (DBFM) #	VDMC2 (DCE) #	VDMC3 (TOL) #	VDMC4 (BFB) #				TOT OUT
01	VBLK1Z	105	101	94	89				0
02	V1ZLCS	102	101	94	95				0
03	V1ZLCSD	101	100	95	95				0
04	VTBLK1Z	102	98	96	92				0
05	FEW-FLOOR-2	101	99	94	93				0
06	FEW-FLOOR-3	103	99	95	96				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

SW846

2H - FORM II SV-2

WATER SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

	CLIENT SAMPLE NO.	SDMC1 (NBZ) #	SDMC2 (FBP) #	SDMC3 (TPH) #	SDMC4 (PHL) #	SDMC5 (2FP) #	SDMC6 (TBP) #			TOT OUT
01	SBLK1W	91	73	78	70	77	92			0
02	S1WLCS	83	76	78	56	63	84			0
03	S1WLCSD	76	74	86	56	61	90			0
04	FEW-FLOOR-2	12 *	71	68	65	68	90			1
05	FEW-FLOOR-3	90	83	80	73	75	108			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

2Q - FORM II ARO-1

WATER AROCLOR SURROGATE RECOVERY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

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	ABLK2S	61		71		92		86				0
02	ALCS2S	46		52		61		56				0
03	ALCSD2S	46		53		52		48				0
04	FEW-FLOOR-2	35		57		55		52				0
05	FEW-FLOOR-3	24	*	38		35	*	33	*			3

	QC LIMITS
TCX = Tetrachloro-m-xylene	(32-89)
DCB = Decachlorobiphenyl	(40-135)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

SW846

3 - FORM III

WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.

V1ZLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab Sample ID: LCS-39550 LCS Lot No.:

Date Extracted: 10/23/2008 Date Analyzed (1): 10/24/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Vinyl chloride	50.0000	0.0000	45.8870	92		50 - 145
1,1-Dichloroethene	50.0000	0.0000	43.7432	87		70 - 130
2-Butanone	50.0000	0.0000	53.1372	106		30 - 150
Chloroform	50.0000	0.0000	49.4304	99		65 - 135
Carbon tetrachloride	50.0000	0.0000	47.0399	94		65 - 140
1,2-Dichloroethane	50.0000	0.0000	50.2319	100		70 - 130
Benzene	50.0000	0.0000	50.0789	100		80 - 120
Trichloroethene	50.0000	0.0000	52.5140	105		70 - 125
Tetrachloroethene	50.0000	0.0000	47.7212	95		45 - 150
Chlorobenzene	50.0000	0.0000	49.2577	99		80 - 120

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

* Values outside of QC limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

V1ZLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab Sample ID: LCSD-39550 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Vinyl chloride	50.0000	51.9078	104		12		40	50 - 145
1,1-Dichloroethene	50.0000	49.3843	99		13		40	70 - 130
2-Butanone	50.0000	57.8668	116		9		40	30 - 150
Chloroform	50.0000	51.7563	104		5		40	65 - 135
Carbon tetrachloride	50.0000	54.0887	108		14		40	65 - 140
1,2-Dichloroethane	50.0000	51.0961	102		2		40	70 - 130
Benzene	50.0000	52.5656	105		5		40	80 - 120
Trichloroethene	50.0000	57.0992	114		8		40	70 - 125
Tetrachloroethene	50.0000	53.9243	108		13		40	45 - 150
Chlorobenzene	50.0000	51.8234	104		5		40	80 - 120

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

* Values outside of QC limits

RPD: 0 out of 10 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
S1WLCS

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab Sample ID: LCS-39410 LCS Lot No.:

Date Extracted: 10/20/2008 Date Analyzed (1): 10/22/2008

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
1,4-Dichlorobenzene	166.6667	0.0000	84.6302	51		30 - 100
2-Methylphenol	166.6667	0.0000	123.2868	74		40 - 110
4-Methylphenol	166.6667	0.0000	121.3041	73		30 - 110
Hexachloroethane	166.6667	0.0000	50.1831	30		30 - 95
Nitrobenzene	166.6667	0.0000	147.1080	88		45 - 110
Hexachlorobutadiene	166.6667	0.0000	36.2961	22	*	25 - 105
2,4,6-Trichlorophenol	166.6667	0.0000	146.8889	88		50 - 115
2,4,5-Trichlorophenol	166.6667	0.0000	142.3304	85		50 - 110
2,4-Dinitrotoluene	166.6667	0.0000	156.2228	94		50 - 120
Hexachlorobenzene	166.6667	0.0000	156.4291	94		50 - 110
Pentachlorophenol	166.6667	0.0000	143.5183	86		40 - 115
Pyridine	166.6667	0.0000	94.5534	57		45 - 135

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

* Values outside of QC limits

Spike Recovery: 1 out of 12 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

S1WLCSD

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab Sample ID: LCSD-39410 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	166.6667	79.8526	48		6		40	30 - 100
2-Methylphenol	166.6667	117.3049	70		6		40	40 - 110
4-Methylphenol	166.6667	122.0523	73		0		40	30 - 110
Hexachloroethane	166.6667	47.8771	29	*	3		40	30 - 95
Nitrobenzene	166.6667	144.4020	87		1		40	45 - 110
Hexachlorobutadiene	166.6667	42.1733	25		13		40	25 - 105
2,4,6-Trichlorophenol	166.6667	142.7640	86		2		40	50 - 115
2,4,5-Trichlorophenol	166.6667	138.9806	83		2		40	50 - 110
2,4-Dinitrotoluene	166.6667	155.3722	93		1		40	50 - 120
Hexachlorobenzene	166.6667	146.4382	88		7		40	50 - 110
Pentachlorophenol	166.6667	134.6249	81		6		40	40 - 115
Pyridine	166.6667	94.3227	57		0		40	45 - 135

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

* Values outside of QC limits

RPD: 0 out of 12 outside limits

Spike Recovery: 1 out of 12 outside limits

COMMENTS:

3N - FORM III ARO-3

WATER AROCLOR LABORATORY CONTROL SAMPLE RECOVERY

CLIENT SAMPLE NO.

ALCS2S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab Sample ID: LCS-39412 LCS Lot No.:

Date Extracted: 10/20/2008 Date Analyzed (1): 10/22/2008

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	13.3333	10.0668	76		25-145
Aroclor-1260	13.3333	11.4469	86		30-145

Instrument ID (2): E2 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 10/22/2008

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS
Aroclor-1016	13.3333	11.7038	88		25-145
Aroclor-1260	13.3333	9.9784	75		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:

SW846

3N - FORM III ARO-3

WATER AROCLOR LABORATORY CONTROL SAMPLE RECOVERY

CLIENT SAMPLE NO.

ALCSD2S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab Sample ID: LCSD-39412 LCS Lot No.:

Date Extracted: 10/20/2008 Date Analyzed (1): 10/22/2008

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	13.3333	10.2859	77		25-145
Aroclor-1260	13.3333	11.6723	88		30-145

Instrument ID (2): E2 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 10/22/2008

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS
Aroclor-1016	13.3333	11.9003	89		25-145
Aroclor-1260	13.3333	9.9650	75		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:

SW846

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLK1Z

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab File ID: V1K0533.D Lab Sample ID: MB-39550

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 10/24/2008

Level: (TRACE or LOW/MED) LOW Time Analyzed: 14:41

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	V1ZLCS	LCS-39550	V1K0534.D	15:24
02	V1ZLCSD	LCSD-39550	V1K0535.D	15:53

COMMENTS:

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VBLK1Z

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-39550

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K0533.D

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

% Moisture: not dec. Date Analyzed: 10/24/2008

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) UG/L	Q
75-01-4	Vinyl chloride	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
67-66-3	Chloroform	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
127-18-4	Tetrachloroethene	5.0	U
108-90-7	Chlorobenzene	5.0	U

4A - FORM IV VOA

VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VTBLK1Z

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab File ID: V1K0540.D Lab Sample ID: MB-39445

Instrument ID: V1

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 10/24/2008

Level: (TRACE or LOW/MED) LOW Time Analyzed: 18:17

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	FEW-FLOOR-2	G1775-01A	V1K0541.D	18:46
02	FEW-FLOOR-3	G1775-02A	V1K0542.D	19:15

COMMENTS:

SW846

1A - FORM I VOA-1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VTBLK1Z

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-39445

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1K0540.D

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

% Moisture: not dec. Date Analyzed: 10/24/2008

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) UG/L	Q
75-01-4	Vinyl chloride	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
67-66-3	Chloroform	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
127-18-4	Tetrachloroethene	5.0	U
108-90-7	Chlorobenzene	5.0	U

4C - FORM IV SV

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK1W

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab File ID: S1F8512.D Lab Sample ID: MB-39349

Instrument ID: S1 Date Extracted: 10/20/2008

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 10/22/2008

Level: (LOW/MED) LOW Time Analyzed: 19:03

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	S1WLCS	LCS-39410	S1F8513.D	10/22/2008
02	S1WLCSD	LCSD-39410	S1F8514.D	10/22/2008
03	FEW-FLOOR-2	G1775-01B	S1F8515.D	10/22/2008
04	FEW-FLOOR-3	G1775-02B	S1F8516.D	10/22/2008

COMMENTS:

SW846

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK1W

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-39349

Sample wt/vol: 300 (g/mL) ML Lab File ID: S1F8512.D

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

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

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/20/2008

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/22/2008

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-46-7	1,4-Dichlorobenzene	33	U
95-48-7	2-Methylphenol	33	U
106-44-5	4-Methylphenol	33	U
67-72-1	Hexachloroethane	33	U
98-95-3	Nitrobenzene	33	U
87-68-3	Hexachlorobutadiene	33	U
88-06-2	2,4,6-Trichlorophenol	33	U
95-95-4	2,4,5-Trichlorophenol	67	U
121-14-2	2,4-Dinitrotoluene	33	U
118-74-1	Hexachlorobenzene	33	U
87-86-5	Pentachlorophenol	67	U
110-86-1	Pyridine	67	U

4F - FORM IV ARO

AROCLOR METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLK2S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Lab File ID: E2H4011F.D / E2H4011R.D Lab Sample ID: MB-39349

Matrix: (SOIL/SED/WATER) WATER Extraction: (Type) SEPF Date Extracted: 10/20/2008

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

Acid Cleanup: (Y/N Y

Date Analyzed (1): 10/22/2008 Date Analyzed (2): 10/22/2008

Time Analyzed (1): 18:22 Time Analyzed (2): 18:22

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	ALCS2S	LCS-39412	10/22/2008	10/22/2008
02	ALCSD2S	LCSD-39412	10/22/2008	10/22/2008
03	FEW-FLOOR-2	G1775-01B	10/22/2008	10/22/2008
04	FEW-FLOOR-3	G1775-02B	10/22/2008	10/22/2008

COMMENTS:

SW846

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLK2S

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-39349

Sample wt/vol: 300 (g/mL) ML Lab File ID: E2H4011F.D/E2H4011R.D

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

Extraction: (Type) SEPF Date Extracted: 10/20/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/22/2008

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

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

Acid Cleanup: (Y/N) Y

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

SW846

U.S. EPA - CLP

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BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-39372

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

FIMS1_081017B

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.016	U	0.016	U	0.016	U	0.016	U	0.016	U	

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-39349

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

FIMS1_081017B

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury									0.016	U	

FORM III - IN SW846

U.S. EPA - CLP

3

BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-39349

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

OPTIMA2_081017A

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	5.3	U	5.3	U	5.3	U	5.3	U	5.300	U	
Barium	8.5	U	8.5	U	8.5	U	8.5	U	8.500	U	
Cadmium	0.1	U	0.1	U	0.1	U	0.1	U	0.239	B	
Chromium	1.1	U	1.1	U	1.1	U	1.1	U	1.100	U	
Lead	2.2	U	2.2	U	2.2	U	2.2	U	2.200	U	
Selenium	6.6	U	6.6	U	6.6	U	6.6	U	6.600	U	
Silver	0.6	U	0.6	U	0.6	U	0.6	U	0.590	U	

U.S. EPA - CLP

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BLANKS

Lab Name: Mitkem Laboratories Contract: 2008.0011.00

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MG1775

Preparation Blank Matrix (soil/water): WATER Method Blank ID: MB-39370

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

OPTIMA2_081017A

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			5.3	U					5.300	U	
Barium			8.5	U					8.500	U	
Cadmium			0.1	U					0.140	U	
Chromium			1.1	U					1.100	U	
Lead			2.2	U					2.200	U	
Selenium			6.6	U					6.600	U	
Silver			0.6	U					0.590	U	

8A - FORM VIII VOA

VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

GC Column: DB-624 ID: 0.25 (mm) Init. Calib. Date(s): 10/23/2008 10/23/2008

EPA Sample No.(VSTD#####): VSTD0501Z Date Analyzed: 10/24/2008

Lab File ID (Standard): V1K0531A.D Time Analyzed: 13:25

Instrument ID: V1 Heated Purge: (Y/N) N

		IS1 (S1) AREA	#	RT	#	IS2 (S2) AREA	#	RT	#	IS3 (S3) AREA	#	RT	#
	12 HOUR STD	766281		5.852		482817		9.468		241264		12.404	
	UPPER LIMIT	1532562		6.352		965634		9.968		482528		12.904	
	LOWER LIMIT	383141		5.352		241409		8.968		120632		11.904	
	SAMPLE NO.												
01	VBLK1Z	731131		5.863		467957		9.469		213462		12.405	
02	V1ZLCS	787899		5.869		499613		9.475		245144		12.421	
03	V1ZLCSD	751445		5.861		480121		9.468		241469		12.404	
04	VTBLK1Z	745200		5.856		469713		9.472		218544		12.408	
05	FEW-FLOOR-2	756816		5.865		486424		9.471		247431		12.408	
06	FEW-FLOOR-3	729115		5.849		469629		9.465		236732		12.412	

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.

8D - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: Mod. Ref No.: SDG No.: MG1775

GC Column: DB-5MS ID: 0.25 (mm) Init. Calib. Date(s): 10/08/2008 10/08/2008

EPA Sample No.(SSTD020##): SSTD05010 Date Analyzed: 10/22/2008

Lab File ID (Standard): S1F8511.D Time Analyzed: 18:34

Instrument ID: S1

		IS1 (DCB)		IS2 (NPT)		IS3 (ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	539000	5.254	1837985	7.101	864021	9.867
	UPPER LIMIT	1078000	5.754	3675970	7.601	1728042	10.367
	LOWER LIMIT	269500	4.754	918993	6.601	432011	9.367
	SAMPLE NO.						
01	SBLK1W	568161	5.257	1957158	7.093	1003470	9.859
02	S1WLCS	490478	5.256	1614831	7.103	774931	9.858
03	S1WLCSD	487270	5.253	1606020	7.100	789567	9.855
04	FEW-FLOOR-2	476227	5.253	1611572	7.101	792923	9.856
05	FEW-FLOOR-3	487931	5.264	1655506	7.101	822742	9.856

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.: Mod. Ref No.: SDG No.: MG1775

GC Column: DB-5MS ID: 0.25 (mm) Init. Calib. Date(s): 10/08/2008 10/08/2008

EPA Sample No.(SSTD020##): SSTD05010 Date Analyzed: 10/22/2008

Lab File ID (Standard): S1F8511.D Time Analyzed: 18:34

Instrument ID: S1

		IS4 (PHN)		IS5 (CRY)		IS6 (PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1178372	11.855	1063507	14.686	916405	16.144
	UPPER LIMIT	2356744	12.355	2127014	15.186	1832810	16.644
	LOWER LIMIT	589186	11.355	531754	14.186	458203	15.644
	SAMPLE NO.						
01	SBLK1W	1342493	11.847	1252394	14.666	946318	16.125
02	S1WLCS	1102319	11.857	942608	14.676	796080	16.135
03	S1WLCSD	1100091	11.854	926379	14.685	779116	16.132
04	FEW-FLOOR-2	1084232	11.854	989285	14.674	805671	16.132
05	FEW-FLOOR-3	1056620	11.854	940542	14.674	795553	16.132

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.