



## ecology and environment engineering, p.c.

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BUFFALO CORPORATE CENTER  
368 Pleasantview Drive, Lancaster, New York 14086  
Tel: 716/684-8060, Fax: 716/684-0844

October 26, 2005

Mr. David Chiusano, Project Manager  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
Bureau of Construction Services  
625 Broadway, 12th Floor  
Albany, New York 12233 - 7010

Re: Mr. C's Dry Cleaners Site, Contract # D003493-27.5, Site # 9-15-157  
Former Agway Site Property, September 2005 Groundwater Sampling and Analytical  
Report

Dear Mr. Chiusano:

Ecology and Environment Engineering, P.C. (EEEPC) is pleased to provide the analytical report for the groundwater monitoring wells on the former Agway property (566 Main Street, East Aurora, New York) sampled September 6 & 7, 2005. A general location map of the former Agway property is provided as Figure 1. Figure 2 is a site location map indicating the former Agway site and surrounding properties. The intent of the sampling and analysis program performed was to evaluate the current status of groundwater contamination of the former Agway site and to provide the information to NYSDEC assess further remedial actions with the specific site.

Matrix Environmental Technologies, Inc. (Matrix), Orchard Park, New York, previously operated, maintained, and monitored an air sparging and vapor extraction system from September 2001 until September 2003. Based on Matrix's report of November 14, 2003, another round of sampling was performed on 5 boreholes installed in August 29, 2003. Matrix's analytical report of November 14, 2003, indicated that soil contamination for a number of volatile organic compounds (VOCs) exceeded the regulatory limits established by NYSDEC TAGM 4046 Guidelines. The seven groundwater monitoring wells on-site were previously sampled (October 2002) for the NYSDEC Groundwater Quality Standards for BETX compounds only. As reported in the November 14, 2003 report by Matrix, five of the seven monitoring wells were below the Groundwater Quality Standard with one "slightly" above the standard. The November 14, 2003 report is confusing because no groundwater monitoring analytical data has been provided to support the claim that "no further action", is required for the site.

During the construction of the remedial treatment system by The Tyree Organization, Ltd. (Tyree), a sample and analysis task of the groundwater monitoring wells was required to be performed prior to the remedial construction (May 2002) and one year after operation of the constructed treatment system (September 2003). The sample and analysis included the same groundwater monitoring wells on the former Agway property along with groundwater pumping wells (PW-2 and PW-3) installed under the remedial construction contract - Mr. C's Dry Cleaners Site, Site #9-15-157, Contract No.: D004180 by Tyree. In addition, EEEPC

Mr. Davis Chiusano, Project Manager

October 26, 2005

Page 2

performed another full round of sampling and analysis on the existing groundwater water monitoring wells in June 2004. The groundwater analytical results of the June 2004 along with the Tyree results of 2002 and 2003 were submitted to the NYSDEC on July 21, 2004.

On September 6-7, 2005, EEEPC purged and sampled five Matrix groundwater monitoring wells (MW-4, MW-07, MW-08, MW-11, and MW-12) at the site along with two groundwater pumping wells (PW-02 and PW-03) installed by Tyree.

Table 1 provides the summation of the analytical results from the sampling performed by EEEPC in September 2005. Analytical documentation for the September 2005 sampling has been provided as Attachment 1.

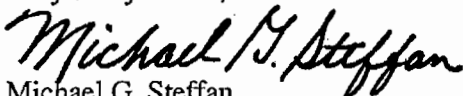
<b>Contaminant</b>	<b>PW-02</b>	<b>PW-03</b>	<b>MW-04</b>	<b>MW-07</b>	<b>MW-08</b>	<b>MW-11</b>	<b>MW-12</b>
Tetrachloroethene	1200	560	5.3	2000	570	480	23
Vinyl Chloride	ND (<0.5) U	1.7	590	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U
cis-1,2-Dichloroethene	2.0	4.0	570	0.76	15	9.5	8.4
Benzene	ND (<0.5) U	ND (<0.5) U	21	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	7.9
Cyclohexane	ND (<0.5) U	ND (<0.5) U	75	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	8.7
Trichloroethene	4.4	8.9	7	3.2	100	2.0	9.1
Ethylbenzene	ND (<0.5) U	ND (<0.5) U	7.7	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	8.0
m,p-Xylene	ND (<0.5) U	ND (<0.5) U	.55	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	29
o-Xylene	ND (<0.5) U	ND (<0.5) U	0.8	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	3.0
Xylene (Total)	ND (<0.5) U	ND (<0.5) U	1.3	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	32
Methylcyclohexane	ND (<0.5) U	ND (<0.5) U	22	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	7.1
Methyl tert-Butyl Ether	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	1.1	ND (<0.5) U
trans -1,2-Dichloroethene	ND (<0.5) U	3.4	3.4	ND (<0.5) U	3.8	ND (<0.5) U	ND (<0.5) U
Acetone	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U	ND (<5.0) U
1,1-Dichloroethene	ND (<0.5) U	ND (<0.5) U	1.2	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U
Isopropylbenzene	ND (<0.5) U	ND (<0.5) U	3.4	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U
Toluene	ND (<0.5) U	ND (<0.5) U	2.3	ND (<0.5) U	ND (<0.5) U	ND (<0.5) U	0.77

Note: ND (<0.5) U - Not detected below the detection factor specified

In addition, Figure 3 is the summation of the groundwater analytical data from all analytical results around the Agway property, specifically for the current property owner, EA 400 Main Street, LLC.

If you have any questions regarding the September 2005 Groundwater Summary Report, please call me a 716-684-8060.

Very Truly Yours,



Michael G. Steffan

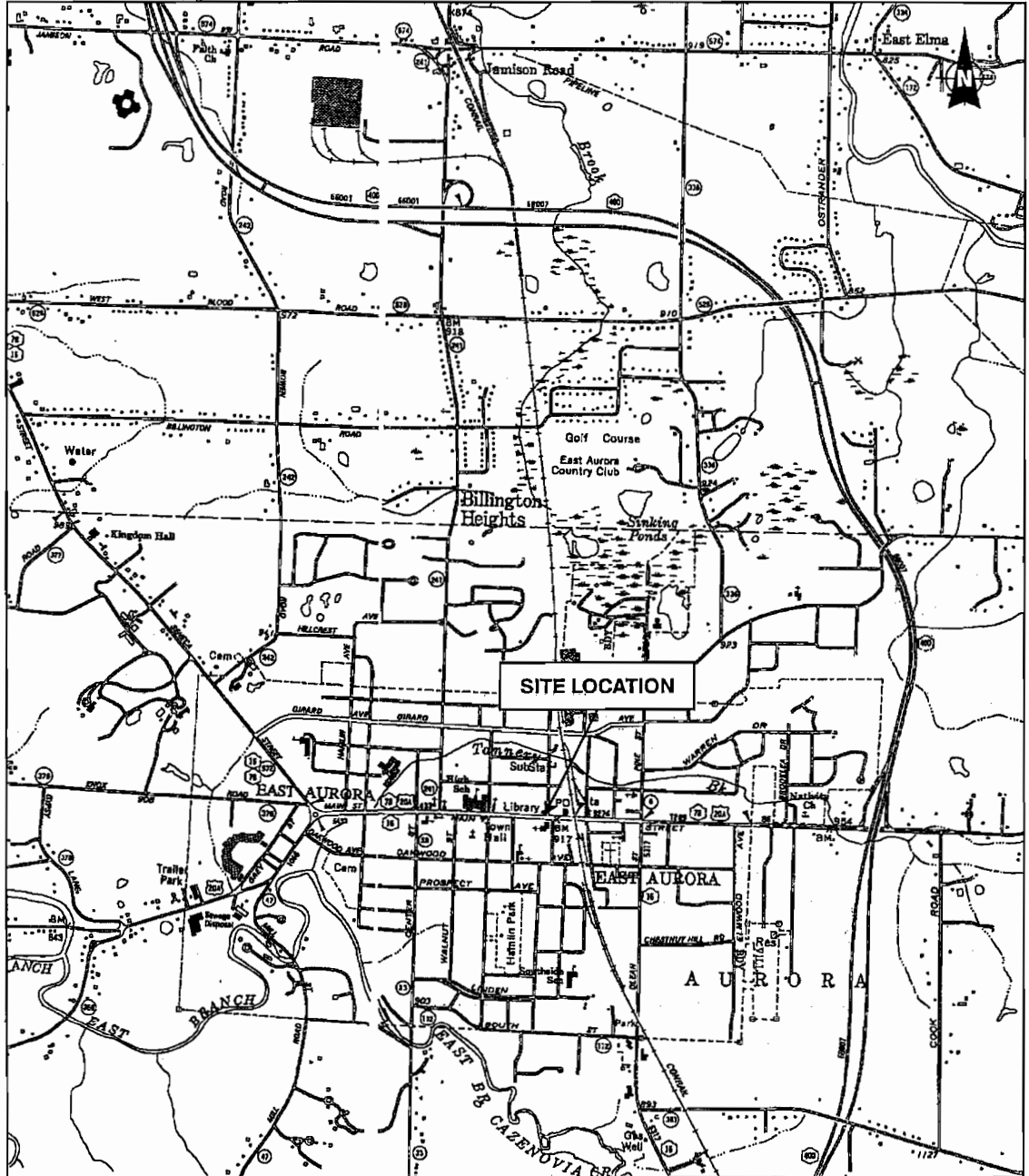
Project Manager

Ecology and Environment Engineering, P. C.

cc: D. Szymanski/G. Sutton, Region-9, NYSDEC - Buffalo w/o attachments.

D. Miller, E&E-Buffalo w/o attachments

CTF- 000699.NY06.05



SOURCE: Malo

SOURCE: NYS Department of Transportation Raster Quadrangle, 1988.

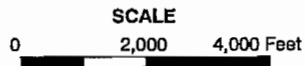
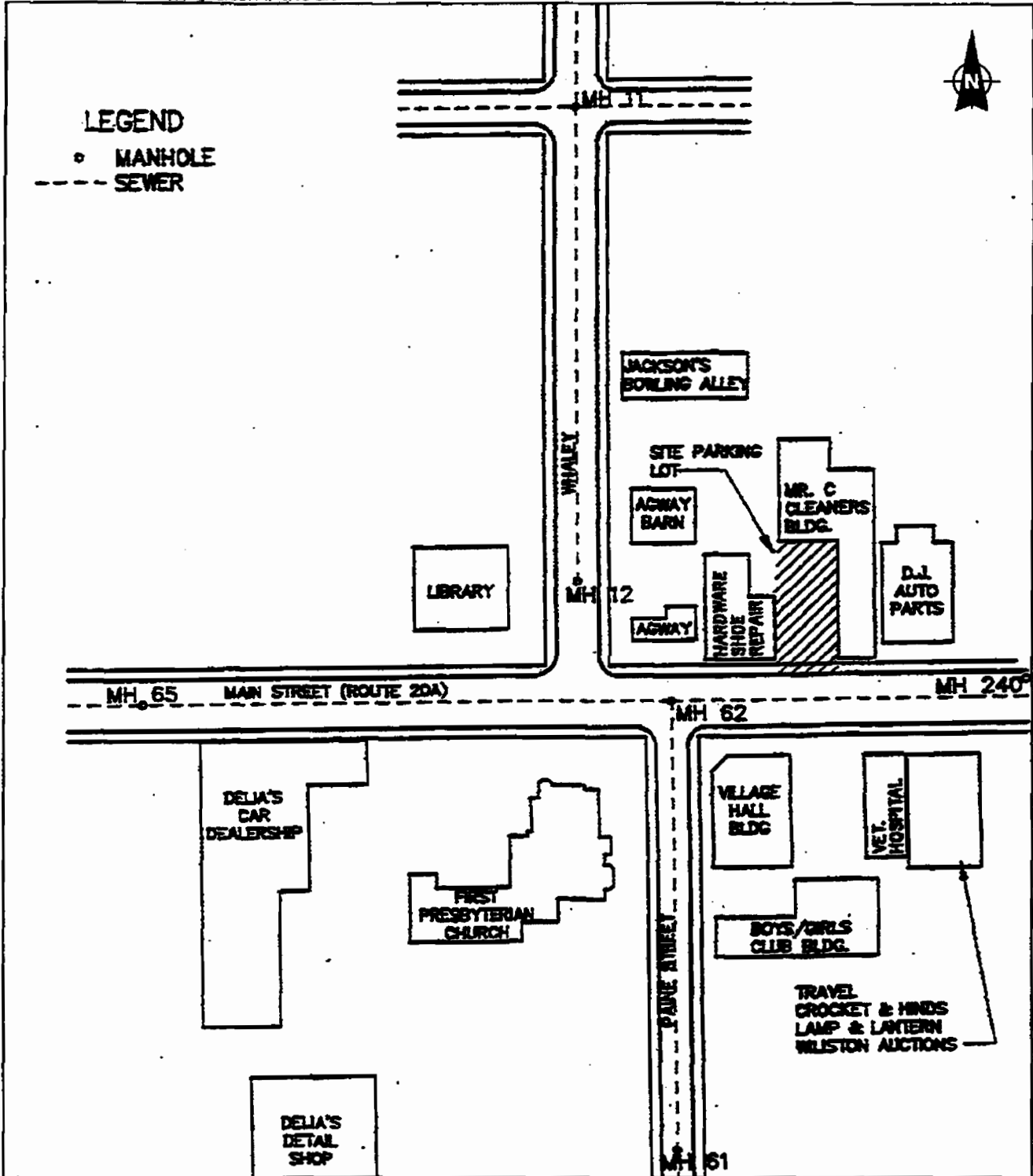


Figure 1 Former Agway Property  
General Site Location Map



SOURCE: Malcolm Pirnie, Figure 3-2, July 1994.

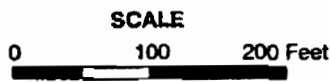


Figure 1-2 Mr. C's Dry Cleaners Site Vicinity Map

**Attachment 1  
MITKEM Corporation**

**Groundwater Analytical Data  
October 12, 2005**

**MITKEM  
CORPORATION**

*"Environmental Testing For The New Millennium"*

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October 12, 2005

Ecology & Environment  
368 Pleasantview Drive  
Lancaster, NY 14086  
Attn: Mr. Mike Steffan

RE: Client Project: NYSDEC Agway Site  
Lab Work Order #: D1051

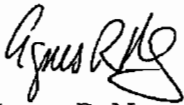
Dear Mr. Nickerson:

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.

We appreciate your business.

Sincerely,



Agnes R. Ng  
CLP Project Manager



*\* Data Summary Pack \**





Mitkem Corporation

New York State Department of Environmental Conservation

Sample Preparation and Analyses Summary  
Volatile (VOA) Analyses

Project Name: Mr. C's Dry Cleaning

SDG: D1051

<u>Laboratory Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received by Lab</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>
D1051-01A	AQ	9/7/05	9/8/05	NA	9/20/05; 9/21/05
D1051-02A	AQ	9/7/05	9/8/05		↓
D1051-03A	AQ	9/7/05	9/8/05		↓
D1051-04A	AQ	9/7/05	9/8/05		9/21/05
D1051-05A	AQ	9/7/05	9/8/05		9/20/05; 9/21/05
D1051-06A	AQ	9/7/05	9/8/05		↓
D1051-07A	AQ	9/7/05	9/8/05	↓	↓
D1051-08A	AQ	9/7/05	9/8/05	NA	9/21/05

NYASP 10/95

# Mitkem Corporation

## New York State Department of Environmental Conservation

### Sample Preparation and Analyses Summary Volatile (VOA) Analyses

Project Name: **Mr. C's Dry Cleaning**

SDG: **D1051**

<u>Laboratory Sample ID</u>	<u>Matrix</u>	<u>Analytical Protocol</u>	<u>Extraction Method</u>	<u>Low/Medium Level</u>	<u>Dil/Conc Factor</u>
D1051-01A	AQ	8260	NA	Low	1; 80
D1051-02A	AQ	8260	↓	↓	1; 20
D1051-03A	AQ	8260	↓	↓	1; 40
D1051-04A	AQ	8260	↓	↓	1
D1051-05A	AQ	8260	↓	↓	1; 40
D1051-06A	AQ	8260	↓	↓	1; 40
D1051-07A	AQ	8260	↓	↓	1; 80
D1051-08A	AQ	8260	NA	Low	1

NYASP 10/95

Analytical Data Package for Ecology & Environment

Client Project No.: NYSDEC Agway Site

Mitkem Work Order ID: D1051

October 12, 2005

Prepared For: Ecology & Environment  
368 Pleasantview Drive  
Lancaster, NY 14086  
Attn: Mr. Mike Steffan

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

## SDG Narrative

Mitkem Corporation submits the enclosed data package in response to Ecology & Environment's NYSDEC Agway Site project. Under this deliverable, analysis results are presented for eight aqueous samples that were received on September 8, 2005. Analyses were performed per specifications in the project's contract and the chain of custody forms. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID with 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.

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:

Trap used for instrument V2: OI Analytical #10 trap containing 8 cm each of Tenax, silica gel and carbon molecular sieve.

GC column used: 30 m x 0.25 mm id (1.4 um film thickness) DB-624 capillary column.

The aqueous samples were acid preserved; pH <2.

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: due to high concentration of target analytes, the following samples were re-analyzed at dilution: MW-02-EE (80x), MW-03-EE (40x), MW-04 (40x), MW-07 (8x), MW-08 (40x) and MW-11 (20x). No other 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 Ng  
CLP Project Manager  
10/12/05

Mitkem Corporation

12/Sep/05 11:53

WorkOrder: D1051

Client ID: ENE

Project: Mr. C's Dry Cleaning

Case: ASP-B

Location: N/A

SDG: PO: 000699.NY06.05

Report Level: ASP-B

EDD:

HC Due: 09/29/05

Comments: N/A

Fax Due:

Sample ID	Client Sample ID	Collection Date	Date Received	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
D1051-01A	MW-07	09/07/05 10:15	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
D1051-02A	MW-11	09/07/05 10:25	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
D1051-03A	MW-04	09/07/05 11:33	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
D1051-04A	MW-12	09/07/05 11:48	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
D1051-05A	MW-08	09/07/05 11:00	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
D1051-06A	MW-03-EE	09/07/05 11:19	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
D1051-07A	MW-02-EE	09/07/05 11:34	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA
D1051-08A	TB-01	09/07/05 00:00	09/08/05	Aqueous	SW8260B_25_W	OLM_VOA,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VOA

Client Rep: #Error



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02-EE

Lab Name: MITKEM CORPORATION                      Contract:  
 Lab Code: MITKEM    Case No.:                      SAS No.:                      SDG No.: MD1051  
 Matrix: (soil/water) WATER                      Lab Sample ID: D1051-07A  
 Sample wt/vol:                      25.00 (g/mL) ML                      Lab File ID: V2H0390  
 Level: (low/med)    LOW                      Date Received: 09/08/05  
 % Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05  
 GC Column: DB-624    ID: 0.25 (mm)                      Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL)                      Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	0.50	U
79-01-6	Trichloroethene	4.4	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	360	E
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02-EE
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Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-07A

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0390

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/20/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	----------------------------------------------	---

	-----m,p-Xylene	0.50	U
	95-47-6-----o-Xylene	0.50	U
	1330-20-7-----Xylene (Total)	0.50	U
	100-42-5-----Styrene	0.50	U
	75-25-2-----Bromoform	0.50	U
	98-82-8-----Isopropylbenzene	0.50	U
	79-34-5-----1,1,2,2-Tetrachloroethane	0.50	U
	541-73-1-----1,3-Dichlorobenzene	0.50	U
	106-46-7-----1,4-Dichlorobenzene	0.50	U
	95-50-1-----1,2-Dichlorobenzene	0.50	U
	96-12-8-----1,2-Dibromo-3-chloropropane	0.50	U
	120-82-1-----1,2,4-Trichlorobenzene	0.50	U
	76-13-1-----1,1,2-Trichloro-1,2,2-Triflu	0.50	U
	79-20-9-----Methyl Acetate	0.50	U
	110-81-7-----Cyclohexane	0.50	U
	108-87-2-----Methylcyclohexane	0.50	U



1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-02-EE

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-07A

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID: V2H0390

Level:    (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

Number TICs found: 0                      CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L.

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
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21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				







1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03-EE

Lab Name: MITKEM CORPORATION Contract:  
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1051  
 Matrix: (soil/water) WATER. Lab Sample ID: D1051-06A  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0389  
 Level: (low/med) LOW Date Received: 09/08/05  
 % Moisture: not dec. Date Analyzed: 09/20/05  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	1.7	
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	3.4	
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	4.0	
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	0.50	U
79-01-6	Trichloroethene	8.9	
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	290	E
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U









1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03-EEDL
------------

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-06ADL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0442

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/21/05

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

Dilution Factor: 40.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	----------------------------------------------	---

-----	m,p-Xylene	20	U
95-47-6-----	o-Xylene	20	U
1330-20-7-----	Xylene (Total)	20	U
100-42-5-----	Styrene	20	U
75-25-2-----	Bromoform	20	U
98-82-8-----	Isopropylbenzene	20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	20	U
541-73-1-----	1,3-Dichlorobenzene	20	U
106-46-7-----	1,4-Dichlorobenzene	20	U
95-50-1-----	1,2-Dichlorobenzene	20	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20	U
120-82-1-----	1,2,4-Trichlorobenzene	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	20	U
79-20-9-----	Methyl Acetate	20	U
110-81-7-----	Cyclohexane	20	U
108-87-2-----	Methylcyclohexane	20	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-03-EEDL

Lab Name: MITKEM CORPORATION      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER      Lab Sample ID: D1051-06ADL

Sample wt/vol:      25.00 (g/mL) ML      Lab File ID: V2H0442

Level: (low/med) LOW      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_      Date Analyzed: 09/21/05

GC Column: DB-624    ID: 0.25 (mm)      Dilution Factor: 40.0

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

Number TICs found: 0      CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-04

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                                      Lab Sample ID: D1051-03A

Sample wt/vol:            25.00 (g/mL) ML                                      Lab File ID:    V2H0386

Level:    (low/med)    LOW                                                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	490	E
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	1.2	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	3.4	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	320	E
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	22	U
79-01-6	Trichloroethene	7.0	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	2.3	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	5.3	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	7.7	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-04

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-03A

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID:    V2H0386

Level:    (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	0.55	
95-47-6-----	o-Xylene	0.80	
1330-20-7-----	Xylene (Total)	1.3	
100-42-5-----	Styrene	0.50	U
75-25-2-----	Bromofom	0.50	U
98-82-8-----	Isopropylbenzene	3.4	
79-34-5-----	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1-----	1,3-Dichlorobenzene	0.50	U
106-46-7-----	1,4-Dichlorobenzene	0.50	U
95-50-1-----	1,2-Dichlorobenzene	0.50	U
96-12-8-----	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1-----	1,2,4-Trichlorobenzene	0.50	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	0.50	U
79-20-9-----	Methyl Acetate	0.50	U
110-81-7-----	Cyclohexane	90	E
108-87-2-----	Methylcyclohexane	22	

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-04

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-03A

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0386

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/20/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 29

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.65	67	J
2.	UNKNOWN	2.88	34	J
3. 563-46-2	1-BUTENE, 2-METHYL-	3.02	7.7	NJ
4.	UNKNOWN	3.13	9.7	J
5.	UNKNOWN	3.19	8.0	J
6.	UNKNOWN	3.36	4.1	J
7.	UNKNOWN	3.89	95	J
8.	UNKNOWN	4.75	12	J
9. 1759-81-5	CYCLOPENTENE, 4-METHYL-	4.81	8.8	NJ
10. 763-29-1	1-PENTENE, 2-METHYL-	5.03	73	NJ
11.	UNKNOWN	5.89	6.7	J
12.	UNKNOWN	5.96	6.2	J
13. 110-83-8	CYCLOHEXENE	6.20	37	NJ
14. 592-77-8	2-HEPTENE	6.27	9.3	NJ
15.	UNKNOWN	7.33	3.5	J
16. 591-47-9	CYCLOHEXENE, 4-METHYL-	7.46	18	NJ
17.	UNKNOWN	7.67	7.7	J
18.	UNKNOWN	7.90	3.7	J
19.	UNKNOWN	8.18	12	J
20.	CYCLIC ALKANE	8.40	13	J
21.	CYCLIC ALKANE	8.64	12	J
22.	CYCLIC ALKANE	8.78	12	J
23.	CYCLIC ALKANE	9.31	4.6	J
24.	CYCLIC ALKANE	9.37	8.9	J
25.	CYCLIC ALKANE	9.45	7.9	J
26. 103-65-1	BENZENE, PROPYL-	11.91	5.9	NJ
27. 135-01-3	BENZENE, 1,2-DIETHYL-	13.29	6.7	NJ
28.	UNKNOWN	13.38	5.5	J
29. 27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	13.96	6.6	NJ
30.				

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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-04DL

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM      Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-03ADL

Sample wt/vol:              25.00 (g/mL) ML                      Lab File ID: V2H0440

Level:      (low/med)      LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

GC Column: DB-624      ID: 0.25 (mm)                      Dilution Factor: 40.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	590	D
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
67-64-1	Acetone	200	U
75-15-0	Carbon Disulfide	20	U
75-09-2	Methylene Chloride	20	U
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-butyl ether	20	U
75-34-3	1,1-Dichloroethane	20	U
78-93-3	2-Butanone	200	U
156-59-2	cis-1,2-Dichloroethene	570	D
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
107-06-2	1,2-Dichloroethane	20	U
71-43-2	Benzene	21	D
79-01-6	Trichloroethene	20	U
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-pentanone	200	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	20	U
591-78-6	2-Hexanone	200	U
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-04DL

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM      Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-03ADL

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID:    V2H0440

Level:      (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

GC Column: DB-624      ID: 0.25 (mm)                      Dilution Factor: 40.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
	m,p-Xylene	20	U
95-47-6	o-Xylene	20	U
1330-20-7	Xylene (Total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
98-82-8	Isopropylbenzene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
95-50-1	1,2-Dichlorobenzene	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
76-13-1	1,1,2-Trichloro-1,2,2-Triflu	20	U
79-20-9	Methyl Acetate	20	U
110-81-7	Cyclohexane	75	D
108-87-2	Methylcyclohexane	20	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-04DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-03ADL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0440

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/21/05

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

Dilution Factor: 40.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 6

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.65	46	JD
2.	UNKNOWN	2.87	34	JD
3.	CYCLIC ALKANE	3.90	66	JD
4.	UNKNOWN	4.09	57	JD
5.	UNKNOWN	5.03	71	JD
6.	UNKNOWN	6.19	31	JD
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-07

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-01A

Sample wt/vol:                      25.00 (g/mL) ML                      Lab File ID:    V2H0384

Level:    (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.76	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	0.50	U
79-01-6	Trichloroethene	3.2	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	390	E
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-07

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM      Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-01A

Sample wt/vol:              25.00 (g/mL) ML                      Lab File ID: V2H0384

Level: (low/med)      LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	0.50	U
95-47-6-----	o-Xylene	0.50	U
1330-20-7-----	Xylene (Total)	0.50	U
100-42-5-----	Styrene	0.50	U
75-25-2-----	Bromoform	0.50	U
98-82-8-----	Isopropylbenzene	0.50	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1-----	1,3-Dichlorobenzene	0.50	U
106-46-7-----	1,4-Dichlorobenzene	0.50	U
95-50-1-----	1,2-Dichlorobenzene	0.50	U
96-12-8-----	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1-----	1,2,4-Trichlorobenzene	0.50	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	0.50	U
79-20-9-----	Methyl Acetate	0.50	U
110-81-7-----	Cyclohexane	0.50	U
108-87-2-----	Methylcyclohexane	0.50	U

1E  
 VOLATILE ORGANICS ANALYSIS DATA SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-07

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-01A

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0384

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/20/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:  
 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-07DL

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM      Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER                              Lab Sample ID: D1051-01ADL

Sample wt/vol:              25.00 (g/mL) ML                      Lab File ID: V2H0438

Level:      (low/med)      LOW                              Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                              Date Analyzed: 09/21/05

GC Column: DB-624      ID: 0.25 (mm)                      Dilution Factor: 80.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	40	U
74-87-3	Chloromethane	40	U
75-01-4	Vinyl Chloride	40	U
74-83-9	Bromomethane	40	U
75-00-3	Chloroethane	40	U
75-69-4	Trichlorofluoromethane	40	U
75-35-4	1,1-Dichloroethene	40	U
67-64-1	Acetone	400	U
75-15-0	Carbon Disulfide	40	U
75-09-2	Methylene Chloride	40	U
156-60-5	trans-1,2-Dichloroethene	40	U
1634-04-4	Methyl tert-butyl ether	40	U
75-34-3	1,1-Dichloroethane	40	U
78-93-3	2-Butanone	400	U
156-59-2	cis-1,2-Dichloroethene	40	U
67-66-3	Chloroform	40	U
71-55-6	1,1,1-Trichloroethane	40	U
56-23-5	Carbon Tetrachloride	40	U
107-06-2	1,2-Dichloroethane	40	U
71-43-2	Benzene	40	U
79-01-6	Trichloroethene	40	U
78-87-5	1,2-Dichloropropane	40	U
75-27-4	Bromodichloromethane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
108-10-1	4-Methyl-2-pentanone	400	U
108-88-3	Toluene	40	U
10061-02-6	trans-1,3-Dichloropropene	40	U
79-00-5	1,1,2-Trichloroethane	40	U
127-18-4	Tetrachloroethene	2000	D
591-78-6	2-Hexanone	400	U
124-48-1	Dibromochloromethane	40	U
106-93-4	1,2-Dibromoethane	40	U
108-90-7	Chlorobenzene	40	U
100-41-4	Ethylbenzene	40	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-07DL

Lab Name: MITKEM CORPORATION	Contract:	
Lab Code: MITKEM	Case No.:	SAS No.:
		SDG No.: MD1051
Matrix: (soil/water) WATER		Lab Sample ID: D1051-01ADL
Sample wt/vol: 25.00 (g/mL) ML		Lab File ID: V2H0438
Level: (low/med) LOW		Date Received: 09/08/05
% Moisture: not dec. _____		Date Analyzed: 09/21/05
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor: 80.0
Soil Extract Volume: _____ (uL)		Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	40	U
95-47-6-----	o-Xylene	40	U
1330-20-7-----	Xylene (Total)	40	U
100-42-5-----	Styrene	40	U
75-25-2-----	Bromoform	40	U
98-82-8-----	Isopropylbenzene	40	U
79-34-5-----	1,1,2,2-Tetrachloroethane	40	U
541-73-1-----	1,3-Dichlorobenzene	40	U
106-46-7-----	1,4-Dichlorobenzene	40	U
95-50-1-----	1,2-Dichlorobenzene	40	U
96-12-8-----	1,2-Dibromo-3-chloropropane	40	U
120-82-1-----	1,2,4-Trichlorobenzene	40	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	40	U
79-20-9-----	Methyl Acetate	40	U
110-81-7-----	Cyclohexane	40	U
108-87-2-----	Methylcyclohexane	40	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-07DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-01ADL

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0438

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/21/05

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

Dilution Factor: 80.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.:                      SAS No.:                      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-05A

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID: V2H0388

Level: (low/med) LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	3.8	
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	15	
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	0.50	U
79-01-6	Trichloroethene	110	E
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	270	E
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-05A

Sample wt/vol:                      25.00 (g/mL) ML                      Lab File ID:    V2H0388

Level:    (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	0.50	U
95-47-6-----	o-Xylene	0.50	U
1330-20-7-----	Xylene (Total)	0.50	U
100-42-5-----	Styrene	0.50	U
75-25-2-----	Bromoform	0.50	U
98-82-8-----	Isopropylbenzene	0.50	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1-----	1,3-Dichlorobenzene	0.50	U
106-46-7-----	1,4-Dichlorobenzene	0.50	U
95-50-1-----	1,2-Dichlorobenzene	0.50	U
96-12-8-----	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1-----	1,2,4-Trichlorobenzene	0.50	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	0.50	U
79-20-9-----	Methyl Acetate	0.50	U
110-81-7-----	Cyclohexane	0.50	U
108-87-2-----	Methylcyclohexane	0.50	U



1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-08

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-05A

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0388

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/20/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08DL

Lab Name: MITKEM CORPORATION      Contract: \_\_\_\_\_

Lab Code: MITKEM      Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER      Lab Sample ID: D1051-05ADL

Sample wt/vol: 25.00 (g/mL) ML      Lab File ID: V2H0441

Level: (low/med) LOW      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_      Date Analyzed: 09/21/05

GC Column: DB-624      ID: 0.25 (mm)      Dilution Factor: 40.0

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

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L      Q

CAS NO.	COMPOUND	CONCENTRATION	Q
75-71-8	Dichlorodifluoromethane	20	U
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
75-35-4	1,1-Dichloroethene	20	U
67-64-1	Acetone	200	U
75-15-0	Carbon Disulfide	20	U
75-09-2	Methylene Chloride	20	U
156-60-5	trans-1,2-Dichloroethene	20	U
1634-04-4	Methyl tert-butyl ether	20	U
75-34-3	1,1-Dichloroethane	20	U
78-93-3	2-Butanone	200	U
156-59-2	cis-1,2-Dichloroethene	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
107-06-2	1,2-Dichloroethane	20	U
71-43-2	Benzene	20	U
79-01-6	Trichloroethene	100	D
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-10-1	4-Methyl-2-pentanone	200	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
127-18-4	Tetrachloroethene	570	D
591-78-6	2-Hexanone	200	U
124-48-1	Dibromochloromethane	20	U
106-93-4	1,2-Dibromoethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-08DL

Lab Name: MITKEM CORPORATION	Contract:	
Lab Code: MITKEM	Case No.:	SAS No.:
		SDG No.: MD1051
Matrix: (soil/water) WATER		Lab Sample ID: D1051-05ADL
Sample wt/vol: 25.00 (g/mL) ML		Lab File ID: V2H0441
Level: (low/med) LOW		Date Received: 09/08/05
% Moisture: not dec. _____		Date Analyzed: 09/21/05
GC Column: DB-624 ID: 0.25 (mm)		Dilution Factor: 40.0
Soil Extract Volume: _____ (uL)		Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	20	U
95-47-6-----	o-Xylene	20	U
1330-20-7-----	Xylene (Total)	20	U
100-42-5-----	Styrene	20	U
75-25-2-----	Bromoform	20	U
98-82-8-----	Isopropylbenzene	20	U
79-34-5-----	1,1,2,2-Tetrachloroethane	20	U
541-73-1-----	1,3-Dichlorobenzene	20	U
106-46-7-----	1,4-Dichlorobenzene	20	U
95-50-1-----	1,2-Dichlorobenzene	20	U
96-12-8-----	1,2-Dibromo-3-chloropropane	20	U
120-82-1-----	1,2,4-Trichlorobenzene	20	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	20	U
79-20-9-----	Methyl Acetate	20	U
110-81-7-----	Cyclohexane	20	U
108-87-2-----	Methylcyclohexane	20	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-08DL

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                                      Lab Sample ID: D1051-05ADL

Sample wt/vol:                      25.00 (g/mL) ML                                      Lab File ID:    V2H0441

Level:    (low/med)    LOW                                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                                      Date Analyzed: 09/21/05

GC Column: DB-624    ID: 0.25 (mm)                                      Dilution Factor: 40.0

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

Number TICs found: 0                                      CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                                      Lab Sample ID: D1051-02A

Sample wt/vol:                      25.00 (g/mL) ML                                      Lab File ID: V2H0385

Level:    (low/med)    LOW                                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	1.1	
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	9.5	
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	0.50	U
79-01-6	Trichloroethene	2.0	
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	290	E
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11

Lab Name: MITKEM CORPORATION Contract:  
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1051  
 Matrix: (soil/water) WATER Lab Sample ID: D1051-02A  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0385  
 Level: (low/med) LOW Date Received: 09/08/05  
 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/20/05  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:  
 (ug/L or ug/Kg) UG/L Q

	-----m,p-Xylene	0.50	U
95-47-6	-----o-Xylene	0.50	U
1330-20-7	-----Xylene (Total)	0.50	U
100-42-5	-----Styrene	0.50	U
75-25-2	-----Bromoform	0.50	U
98-82-8	-----Isopropylbenzene	0.50	U
79-34-5	-----1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	-----1,3-Dichlorobenzene	0.50	U
106-46-7	-----1,4-Dichlorobenzene	0.50	U
95-50-1	-----1,2-Dichlorobenzene	0.50	U
96-12-8	-----1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	-----1,2,4-Trichlorobenzene	0.50	U
76-13-1	-----1,1,1,2-Trichloro-1,2,2-Triflu	0.50	U
79-20-9	-----Methyl Acetate	0.50	U
110-81-7	-----Cyclohexane	0.50	U
108-87-2	-----Methylcyclohexane	0.50	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-02A

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID:    V2H0385

Level:    (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

Number TICs found: 0                      CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11DL

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-02ADL

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID:    V2H0439

Level:    (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

GC Column: DB-624    ID: 0.25 (mm)                      Dilution Factor: 20.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	100	U
156-59-2	cis-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	480	D
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11DL

Lab Name: MITKEM CORPORATION Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG. No.: MD1051  
 Matrix: (soil/water) WATER Lab Sample ID: D1051-02ADL  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0439  
 Level: (low/med) LOW Date Received: 09/08/05  
 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/21/05  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	10	U
95-47-6-----	o-Xylene	10	U
1330-20-7-----	Xylene (Total)	10	U
100-42-5-----	Styrene	10	U
75-25-2-----	Bromoform	10	U
98-82-8-----	Isopropylbenzene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	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
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	10	U
79-20-9-----	Methyl Acetate	10	U
110-81-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11DL

Lab Name: MITKEM CORPORATION Contract:  
Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1051  
Matrix: (soil/water) WATER Lab Sample ID: D1051-02ADL  
Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0439  
Level: (low/med) LOW Date Received: 09/08/05  
% Moisture: not dec. Date Analyzed: 09/21/05  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0  
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0 CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: MITKEM CORPORATION Contract:  
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1051  
 Matrix: (soil/water) WATER Lab Sample ID: D1051-04A  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0437  
 Level: (low/med) LOW Date Received: 09/08/05  
 % Moisture: not dec. Date Analyzed: 09/21/05  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	8.4	
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	7.9	
79-01-6	Trichloroethene	9.1	
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.77	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	23	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	8.0	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM      Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-04A

Sample wt/vol:              25.00 (g/mL) ML                      Lab File ID: V2H0437

Level: (low/med) LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	29	
95-47-6-----	o-Xylene	3.0	
1330-20-7-----	Xylene (Total)	32	
100-42-5-----	Styrene	0.50	U
75-25-2-----	Bromoform	0.50	U
98-82-8-----	Isopropylbenzene	0.50	U
79-34-5-----	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1-----	1,3-Dichlorobenzene	0.50	U
106-46-7-----	1,4-Dichlorobenzene	0.50	U
95-50-1-----	1,2-Dichlorobenzene	0.50	U
96-12-8-----	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1-----	1,2,4-Trichlorobenzene	0.50	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	0.50	U
79-20-9-----	Methyl Acetate	0.50	U
110-81-7-----	Cyclohexane	8.7	
108-87-2-----	Methylcyclohexane	7.1	

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-12

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM      Case No.: \_\_\_\_\_      SAS No.: \_\_\_\_\_      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-04A

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID:    V2H0437

Level:    (low/med)    LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

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

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

Number TICs found: 29                      CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.83	5.9	J
2. 16491-15-9	CYCLOPENTENE, 1,5-DIMETHYL-	7.66	6.7	NJ
3. 564-04-5	3-PENTANONE, 2,2-DIMETHYL-	9.20	13	NJ
4. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	12.05	11	NJ
5. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.12	4.4	NJ
6. 98-82-8	BENZENE, (1-METHYLETHYL)-	12.36	42	NJ
7. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.57	24	NJ
8. 95-36-3	1,2,4-TRIMETHYLBENZENE	13.06	28	NJ
9.	UNKNOWN	13.19	4.6	J
10.	UNKNOWN	13.29	29	J
11. 141-93-5	BENZENE, 1,3-DIETHYL-	13.38	4.8	NJ
12. 135-01-3	BENZENE, 1,2-DIETHYL-	13.52	5.8	NJ
13. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	13.60	11	NJ
14. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	13.74	9.7	NJ
15. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	13.82	23	NJ
16.	UNKNOWN	13.88	4.2	J
17. 3290-53-7	BENZENE, (2-METHYL-2-PROPENY	13.95	32	NJ
18. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	14.17	8.8	NJ
19. 488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	14.27	16	NJ
20. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	14.32	16	NJ
21. 56253-64-6	BENZENE, (2-METHYL-1-BUTENYL	14.43	6.2	NJ
22. 27133-93-3	2,3-DIHYDRO-1-METHYLBINDENE	14.62	13	NJ
23. 3333-13-9	BENZENE, 1-METHYL-4-(2-PROPE	14.79	44	NJ
24. 65051-83-4	BENZENE, (1-METHYL-2-CYCLOPR	14.88	8.7	NJ
25.	UNKNOWN	14.98	3.8	J
26.	UNKNOWN	15.16	12	J
27. 4175-53-5	1H-INDENE, 2,3-DIHYDRO-1,3-D	15.21	10	NJ
28. 56253-64-6	BENZENE, (2-METHYL-1-BUTENYL	15.33	14	NJ
29. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	16.09	3.9	NJ
30.				

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-01

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: D1051-08A

Sample wt/vol:            25.00 (g/mL) ML                      Lab File ID: V2H0436

Level: (low/med) LOW                      Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

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

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

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L                      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	2.2	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-01

Lab Name: MITKEM CORPORATION Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MD1051  
 Matrix: (soil/water) WATER Lab Sample ID: D1051-08A  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0436  
 Level: (low/med) LOW Date Received: 09/08/05  
 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/21/05  
 GC Column: DB-624 ID: .0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L Q

-----m,p-Xylene	0.50	U
95-47-6-----o-Xylene	0.50	U
1330-20-7-----Xylene (Total)	0.50	U
100-42-5-----Styrene	0.50	U
75-25-2-----Bromofom	0.50	U
98-82-8-----Isopropylbenzene	0.50	U
79-34-5-----1,1,2,2-Tetrachloroethane	0.50	U
541-73-1-----1,3-Dichlorobenzene	0.50	U
106-46-7-----1,4-Dichlorobenzene	0.50	U
95-50-1-----1,2-Dichlorobenzene	0.50	U
96-12-8-----1,2-Dibromo-3-chloropropane	0.50	U
120-82-1-----1,2,4-Trichlorobenzene	0.50	U
76-13-1-----1,1,2-Trichloro-1,2,2-Triflu	0.50	U
79-20-9-----Methyl Acetate	0.50	U
110-81-7-----Cyclohexane	0.50	U
108-87-2-----Methylcyclohexane	0.50	U

1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-01

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: D1051-08A

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0436

Level: (low/med) LOW

Date Received: 09/08/05

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/21/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2DLCS

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: LCS-20063

Sample wt/vol:                      25.00 (g/mL) ML                      Lab File ID:    V2H0383

Level:    (low/med)    LOW                      Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/20/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8-----	Dichlorodifluoromethane	10	
74-87-3-----	Chloromethane	9.9	
75-01-4-----	Vinyl Chloride	10	
74-83-9-----	Bromomethane	9.8	
75-00-3-----	Chloroethane	10	
75-69-4-----	Trichlorofluoromethane	12	
75-35-4-----	1,1-Dichloroethene	9.6	
67-64-1-----	Acetone	12	
75-15-0-----	Carbon Disulfide	10	
75-09-2-----	Methylene Chloride	10	
156-60-5-----	trans-1,2-Dichloroethene	10	
1634-04-4-----	Methyl tert-butyl ether	11	
75-34-3-----	1,1-Dichloroethane	10	
78-93-3-----	2-Butanone	12	
156-59-2-----	cis-1,2-Dichloroethene	10	
67-66-3-----	Chloroform	9.6	
71-55-6-----	1,1,1-Trichloroethane	10	
56-23-5-----	Carbon Tetrachloride	10	
107-06-2-----	1,2-Dichloroethane	10	
71-43-2-----	Benzene	11	
79-01-6-----	Trichloroethene	10	
78-87-5-----	1,2-Dichloropropane	11	
75-27-4-----	Bromodichloromethane	10	
10061-01-5-----	cis-1,3-Dichloropropene	10	
108-10-1-----	4-Methyl-2-pentanone	9.9	
108-88-3-----	Toluene	10	
10061-02-6-----	trans-1,3-Dichloropropene	10	
79-00-5-----	1,1,2-Trichloroethane	9.9	
127-18-4-----	Tetrachloroethene	9.9	
591-78-6-----	2-Hexanone	10	
124-48-1-----	Dibromochloromethane	9.6	
106-93-4-----	1,2-Dibromoethane	10	
108-90-7-----	Chlorobenzene	10	
100-41-4-----	Ethylbenzene	10	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2DLCS

Lab Name: MITKEM CORPORATION Contract: \_\_\_\_\_  
 Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MD1051  
 Matrix: (soil/water) WATER Lab Sample ID: LCS-20063  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0383  
 Level: (low/med) LOW Date Received: \_\_\_\_\_  
 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/20/05  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	21	
95-47-6-----	o-Xylene	10	
1330-20-7-----	Xylene (Total)	31	
100-42-5-----	Styrene	11	
75-25-2-----	Bromoform	9.2	
98-82-8-----	Isopropylbenzene	10	
79-34-5-----	1,1,2,2-Tetrachloroethane	10	
541-73-1-----	1,3-Dichlorobenzene	10	
106-46-7-----	1,4-Dichlorobenzene	10	
95-50-1-----	1,2-Dichlorobenzene	10	
96-12-8-----	1,2-Dibromo-3-chloropropane	8.9	
120-82-1-----	1,2,4-Trichlorobenzene	11	
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	10	
79-20-9-----	Methyl Acetate	9.1	
110-81-7-----	Cyclohexane	11	
108-87-2-----	Methylcyclohexane	10	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2FLCS

Lab Name: MITKEM CORPORATION Contract:  
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1051  
 Matrix: (soil/water) WATER Lab Sample ID: LCS-20073  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0433  
 Level: (low/med) LOW Date Received: \_\_\_\_\_  
 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/21/05  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	
74-87-3	Chloromethane	9.8	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	10	
75-69-4	Trichlorofluoromethane	12	
75-35-4	1,1-Dichloroethene	9.8	
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	10	
1634-04-4	Methyl tert-butyl ether	9.0	
75-34-3	1,1-Dichloroethane	9.7	
78-93-3	2-Butanone	11	
156-59-2	cis-1,2-Dichloroethene	9.8	
67-66-3	Chloroform	9.4	
71-55-6	1,1,1-Trichloroethane	9.9	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	9.3	
71-43-2	Benzene	11	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9.6	
10061-01-5	cis-1,3-Dichloropropene	8.8	
108-10-1	4-Methyl-2-pentanone	8.3	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9.1	
79-00-5	1,1,2-Trichloroethane	9.6	
127-18-4	Tetrachloroethene	11	
591-78-6	2-Hexanone	8.0	
124-48-1	Dibromochloromethane	9.4	
106-93-4	1,2-Dibromoethane	9.2	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	10	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2FLCS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: LCS-20073

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0433

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/21/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	21	
95-47-6-----	o-Xylene	10	
1330-20-7-----	Xylene (Total)	32	
100-42-5-----	Styrene	10	
75-25-2-----	Bromoform	8.9	
98-82-8-----	Isopropylbenzene	11	
79-34-5-----	1,1,2,2-Tetrachloroethane	9.3	
541-73-1-----	1,3-Dichlorobenzene	10	
106-46-7-----	1,4-Dichlorobenzene	9.8	
95-50-1-----	1,2-Dichlorobenzene	10	
96-12-8-----	1,2-Dibromo-3-chloropropane	8.0	
120-82-1-----	1,2,4-Trichlorobenzene	9.8	
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	11	
79-20-9-----	Methyl Acetate	7.9	
110-81-7-----	Cyclohexane	10	
108-87-2-----	Methylcyclohexane	11	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2FLCSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: LCSD-20073

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0434

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/21/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	11	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	10	
75-69-4	Trichlorofluoromethane	12	
75-35-4	1,1-Dichloroethene	9.7	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	10	
156-60-5	trans-1,2-Dichloroethene	10	
1634-04-4	Methyl tert-butyl ether	9.0	
75-34-3	1,1-Dichloroethane	9.7	
78-93-3	2-Butanone	10	
156-59-2	cis-1,2-Dichloroethene	9.7	
67-66-3	Chloroform	9.5	
71-55-6	1,1,1-Trichloroethane	9.9	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	9.3	
71-43-2	Benzene	11	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9.8	
10061-01-5	cis-1,3-Dichloropropene	9.1	
108-10-1	4-Methyl-2-pentanone	8.5	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9.1	
79-00-5	1,1,2-Trichloroethane	9.7	
127-18-4	Tetrachloroethene	11	
591-78-6	2-Hexanone	7.8	
124-48-1	Dibromochloromethane	9.0	
106-93-4	1,2-Dibromoethane	9.2	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	9.9	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V2FLCSD

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: LCSD-20073

Sample wt/vol:                      25.00 (g/mL) ML                      Lab File ID:    V2H0434

Level:    (low/med)    LOW                      Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

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

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

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L                      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
-----	m,p-Xylene	20	
95-47-6-----	o-Xylene	10	
1330-20-7-----	Xylene (Total)	30	
100-42-5-----	Styrene	10	
75-25-2-----	Bromoform	8.7	
98-82-8-----	Isopropylbenzene	10	
79-34-5-----	1,1,2,2-Tetrachloroethane	9.6	
541-73-1-----	1,3-Dichlorobenzene	10	
106-46-7-----	1,4-Dichlorobenzene	10	
95-50-1-----	1,2-Dichlorobenzene	10	
96-12-8-----	1,2-Dibromo-3-chloropropane	8.2	
120-82-1-----	1,2,4-Trichlorobenzene	9.8	
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	10	
79-20-9-----	Methyl Acetate	8.9	
110-81-7-----	Cyclohexane	10	
108-87-2-----	Methylcyclohexane	10	

2A  
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

	EPA SAMPLE NO.	SMC1 #	SMC2 (DCE)#	SMC3 (TOL)#	OTHER (BFB)#	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VBLK2D	98	95	100	89	0
02	V2DLCS	92	94	88	88	0
03	MW-07	98	102	88	90	0
04	MW-11	102	104	93	88	0
05	MW-04	102	96	107	97	0
06	MW-08	103	107	88	85	0
07	MW-03-EE	107	107	91	91	0
08	MW-02-EE	103	103	89	90	0
09	VBLK2F	98	87	102	87	0
10	V2FLCS	92	92	93	88	0
11	V2FLCSD	94	91	90	86	0
12	TB-01	100	95	100	84	0
13	MW-12	90	92	91	94	0
14	MW-07DL	102	106	100	96	0
15	MW-11DL	98	106	97	87	0
16	MW-04DL	95	103	99	87	0
17	MW-08DL	103	114	95	87	0
18	MW-03-EEDL	108	111	100	87	0
19	MW-02-EEDL	98	96	95	84	0
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (78-117)  
 SMC2 (DCE) = 1,2-Dichloroethane-d4 (62-124)  
 SMC3 (TOL) = Toluene-d8 (81-116)  
 OTHER (BFB) = Bromofluorobenzene (74-126)

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

FORM 3  
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix Spike - Sample No.: V2DLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10.0		10.3	103	48-135
Chloromethane	10.0		9.9	99	60-118
Vinyl Chloride	10.0		10.1	101	65-113
Bromomethane	10.0		9.8	98	73-122
Chloroethane	10.0		10.1	101	72-118
Trichlorofluoromethane	10.0		11.8	118	68-129
1,1-Dichloroethene	10.0		9.6	96	67-121
Acetone	10.0		12.1	121	38-161
Carbon Disulfide	10.0		10.3	103	53-137
Methylene Chloride	10.0		10.4	104	59-132
trans-1,2-Dichloroethen	10.0		10.0	100	71-124
Methyl tert-butyl ether	10.0		10.6	106	75-123
1,1-Dichloroethane	10.0		10.1	101	83-116
2-Butanone	10.0		11.5	115	64-139
cis-1,2-Dichloroethene	10.0		10.4	104	83-120
Chloroform	10.0		9.6	96	89-118
1,1,1-Trichloroethane	10.0		10.1	101	81-122
Carbon Tetrachloride	10.0		10.3	103	79-125
1,2-Dichloroethane	10.0		10.1	101	83-123
Benzene	10.0		10.7	107	81-120
Trichloroethene	10.0		10.2	102	77-121
1,2-Dichloropropane	10.0		11.0	110	81-116
Bromodichloromethane	10.0		10.0	100	90-114
cis-1,3-Dichloropropene	10.0		10.1	101	78-119
4-Methyl-2-pentanone	10.0		9.9	99	57-138
Toluene	10.0		10.4	104	81-121
trans-1,3-Dichloroprope	10.0		10.3	103	85-118
1,1,2-Trichloroethane	10.0		9.9	99	44-159

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

\* Values outside of QC limits

COMMENTS:

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FORM 3  
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix Spike - Sample No.: V2DLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Tetrachloroethene	10.0		9.9	99	73-121
2-Hexanone	10.0		10.1	101	53-145
Dibromochloromethane	10.0		9.6	96	80-124
1,2-Dibromoethane	10.0		10.2	102	80-124
Chlorobenzene	10.0		10.1	101	82-118
Ethylbenzene	10.0		10.1	101	80-122
Xylene (Total)	30.0		30.9	103	81-121
Styrene	10.0		10.6	106	77-128
Bromoform	10.0		9.2	92	77-130
Isopropylbenzene	10.0		10.4	104	58-148
1,1,2,2-Tetrachloroetha	10.0		10.0	100	76-125
1,3-Dichlorobenzene	10.0		10.5	105	80-116
1,4-Dichlorobenzene	10.0		10.4	104	80-114
1,2-Dichlorobenzene	10.0		10.3	103	81-116
1,2-Dibromo-3-chloropro	10.0		8.9	89	71-126
1,2,4-Trichlorobenzene	10.0		10.5	105	67-114
1,1,2-Trichloro-1,2,2-T	10.0		10.2	102	70-130
Methyl Acetate	10.0		9.1	91	70-130
Cyclohexane	10.0		10.8	108	70-130
Methylcyclohexane	10.0		10.4	104	70-130

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

\* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 48 outside limits

COMMENTS:

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FORM 3  
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1051

Matrix Spike - Sample No.: V2FLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10.0		10.3	103	48-135
Chloromethane	10.0		9.8	98	60-118
Vinyl Chloride	10.0		10.1	101	65-113
Bromomethane	10.0		10.0	100	73-122
Chloroethane	10.0		10.3	103	72-118
Trichlorofluoromethane	10.0		12.3	123	68-129
1,1-Dichloroethene	10.0		9.8	98	67-121
Acetone	10.0		12.1	121	38-161
Carbon Disulfide	10.0		10.4	104	53-137
Methylene Chloride	10.0		10.2	102	59-132
trans-1,2-Dichloroethen	10.0		10.3	103	71-124
Methyl tert-butyl ether	10.0		9.0	90	75-123
1,1-Dichloroethane	10.0		9.7	97	83-116
2-Butanone	10.0		10.9	109	64-139
cis-1,2-Dichloroethene	10.0		9.8	98	83-120
Chloroform	10.0		9.4	94	89-118
1,1,1-Trichloroethane	10.0		9.9	99	81-122
Carbon Tetrachloride	10.0		10.4	104	79-125
1,2-Dichloroethane	10.0		9.3	93	83-123
Benzene	10.0		10.6	106	81-120
Trichloroethene	10.0		10.3	103	77-121
1,2-Dichloropropane	10.0		10.3	103	81-116
Bromodichloromethane	10.0		9.6	96	90-114
cis-1,3-Dichloropropene	10.0		8.8	88	78-119
4-Methyl-2-pentanone	10.0		8.3	83	57-138
Toluene	10.0		10.3	103	81-121
trans-1,3-Dichloroprope	10.0		9.1	91	85-118
1,1,2-Trichloroethane	10.0		9.6	96	44-159

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

\* Values outside of QC limits

COMMENTS:

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FORM 3  
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1051

Matrix Spike - Sample No.: V2FLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Tetrachloroethene	10.0		11.2	112	73-121
2-Hexanone	10.0		8.0	80	53-145
Dibromochloromethane	10.0		9.4	94	80-124
1,2-Dibromoethane	10.0		9.2	92	80-124
Chlorobenzene	10.0		10.0	100	82-118
Ethylbenzene	10.0		10.3	103	80-122
Xylene (Total)	30.0		31.7	106	81-121
Styrene	10.0		10.5	105	77-128
Bromoform	10.0		8.9	89	77-130
Isopropylbenzene	10.0		10.7	107	58-148
1,1,2,2-Tetrachloroetha	10.0		9.3	93	76-125
1,3-Dichlorobenzene	10.0		10.3	103	80-116
1,4-Dichlorobenzene	10.0		9.8	98	80-114
1,2-Dichlorobenzene	10.0		10.3	103	81-116
1,2-Dibromo-3-chloropro	10.0		8.0	80	71-126
1,2,4-Trichlorobenzene	10.0		9.8	98	67-114
1,1,2-Trichloro-1,2,2-T	10.0		10.7	107	70-130
Methyl Acetate	10.0		7.9	79	70-130
Cyclohexane	10.0		10.2	102	70-130
Methylcyclohexane	10.0		10.6	106	70-130

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

\* Values outside of QC limits

COMMENTS:

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FORM 3  
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1051

Matrix Spike - Sample No.: V2FLCS

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dichlorodifluoromethane	10.0	11.0	110	6	40	48-135
Chloromethane	10.0	10.1	101	3	40	60-118
Vinyl Chloride	10.0	10.2	102	1	40	65-113
Bromomethane	10.0	10.2	102	2	40	73-122
Chloroethane	10.0	10.3	103	0	40	72-118
Trichlorofluoromethane	10.0	12.2	122	1	40	68-129
1,1-Dichloroethene	10.0	9.7	97	1	40	67-121
Acetone	10.0	10.9	109	10	40	38-161
Carbon Disulfide	10.0	10.1	101	3	40	53-137
Methylene Chloride	10.0	10.0	100	2	40	59-132
trans-1,2-Dichloroethen	10.0	10.0	100	3	40	71-124
Methyl tert-butyl ether	10.0	9.0	90	0	40	75-123
1,1-Dichloroethane	10.0	9.7	97	0	40	83-116
2-Butanone	10.0	10.2	102	7	40	64-139
cis-1,2-Dichloroethene	10.0	9.7	97	1	40	83-120
Chloroform	10.0	9.5	95	1	40	89-118
1,1,1-Trichloroethane	10.0	9.9	99	0	40	81-122
Carbon Tetrachloride	10.0	10.0	100	4	40	79-125
1,2-Dichloroethane	10.0	9.3	93	0	40	83-123
Benzene	10.0	10.6	106	0	40	81-120
Trichloroethene	10.0	10.3	103	0	40	77-121
1,2-Dichloropropane	10.0	10.3	103	0	40	81-116
Bromodichloromethane	10.0	9.8	98	2	40	90-114
cis-1,3-Dichloropropene	10.0	9.1	91	3	40	78-119
4-Methyl-2-pentanone	10.0	8.5	85	2	40	57-138
Toluene	10.0	10.4	104	1	40	81-121
trans-1,3-Dichloroprope	10.0	9.1	91	0	40	85-118
1,1,2-Trichloroethane	10.0	9.7	97	1	40	44-159

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

\* Values outside of QC limits

COMMENTS:

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FORM 3  
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION                      Contract:  
 Lab Code: MITKEM    Case No.:                      SAS No.:                      SDG No.: MD1051  
 Matrix Spike - Sample No.: V2FLCS

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Tetrachloroethene	10.0	10.5	105	6	40	73-121
2-Hexanone	10.0	7.8	78	2	40	53-145
Dibromochloromethane	10.0	9.0	90	4	40	80-124
1,2-Dibromoethane	10.0	9.2	92	0	40	80-124
Chlorobenzene	10.0	10.0	100	0	40	82-118
Ethylbenzene	10.0	9.9	99	4	40	80-122
Xylene (Total)	30.0	30.1	100	6	40	81-121
Styrene	10.0	10.3	103	2	40	77-128
Bromoform	10.0	8.7	87	2	40	77-130
Isopropylbenzene	10.0	10.2	102	5	40	58-148
1,1,2,2-Tetrachloroetha	10.0	9.6	96	3	40	76-125
1,3-Dichlorobenzene	10.0	10.4	104	1	40	80-116
1,4-Dichlorobenzene	10.0	10.1	101	3	40	80-114
1,2-Dichlorobenzene	10.0	10.3	103	0	40	81-116
1,2-Dibromo-3-chloropro	10.0	8.2	82	2	40	71-126
1,2,4-Trichlorobenzene	10.0	9.8	98	0	40	67-114
1,1,2-Trichloro-1,2,2-T	10.0	10.2	102	5	40	70-130
Methyl Acetate	10.0	8.9	89	12	40	70-130
Cyclohexane	10.0	10.3	103	1	40	70-130
Methylcyclohexane	10.0	10.5	105	1	40	70-130

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

\* Values outside of QC limits

RPD: 0 out of 48 outside limits

Spike Recovery: 0 out of 96 outside limits

COMMENTS:

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4A  
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK2D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1051

Lab File ID: V2H0382

Lab Sample ID: MB-20063

Date Analyzed: 09/20/05

Time Analyzed: 1635

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

Heated Purge: (Y/N) N

Instrument ID: V2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V2DLCS	LCS-20063	V2H0383	1714
02	MW-07	D1051-01A	V2H0384	1744
03	MW-11	D1051-02A	V2H0385	1814
04	MW-04	D1051-03A	V2H0386	1845
05	MW-08	D1051-05A	V2H0388	1946
06	MW-03-EE	D1051-06A	V2H0389	2016
07	MW-02-EE	D1051-07A	V2H0390	2047
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COMMENTS:

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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2D

Lab Name: MITKEM CORPORATION Contract:  
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1051  
 Matrix: (soil/water) WATER Lab Sample ID: MB-20063  
 Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0382  
 Level: (low/med) LOW Date Received: \_\_\_\_\_  
 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/20/05  
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
 Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
75-71-8	Dichlorodifluoromethane	0.50	U	
74-87-3	Chloromethane	0.50	U	
75-01-4	Vinyl Chloride	0.50	U	
74-83-9	Bromomethane	0.50	U	
75-00-3	Chloroethane	0.50	U	
75-69-4	Trichlorofluoromethane	0.50	U	
75-35-4	1,1-Dichloroethene	0.50	U	
67-64-1	Acetone	5.0	U	
75-15-0	Carbon Disulfide	0.50	U	
75-09-2	Methylene Chloride	0.50	U	
156-60-5	trans-1,2-Dichloroethene	0.50	U	
1634-04-4	Methyl tert-butyl ether	0.50	U	
75-34-3	1,1-Dichloroethane	0.50	U	
78-93-3	2-Butanone	5.0	U	
156-59-2	cis-1,2-Dichloroethene	0.50	U	
67-66-3	Chloroform	0.50	U	
71-55-6	1,1,1-Trichloroethane	0.50	U	
56-23-5	Carbon Tetrachloride	0.50	U	
107-06-2	1,2-Dichloroethane	0.50	U	
71-43-2	Benzene	0.50	U	
79-01-6	Trichloroethene	0.50	U	
78-87-5	1,2-Dichloropropane	0.50	U	
75-27-4	Bromodichloromethane	0.50	U	
10061-01-5	cis-1,3-Dichloropropene	0.50	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	0.50	U	
10061-02-6	trans-1,3-Dichloropropene	0.50	U	
79-00-5	1,1,2-Trichloroethane	0.50	U	
127-18-4	Tetrachloroethene	0.50	U	
591-78-6	2-Hexanone	5.0	U	
124-48-1	Dibromochloromethane	0.50	U	
106-93-4	1,2-Dibromoethane	0.50	U	
108-90-7	Chlorobenzene	0.50	U	
100-41-4	Ethylbenzene	0.50	U	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2D

Lab Name: MITKEM CORPORATION Contract: \_\_\_\_\_  
Lab Code: MITKEM Case No.: \_\_\_\_\_ SAS No.: \_\_\_\_\_ SDG No.: MD1051  
Matrix: (soil/water) WATER Lab Sample ID: MB-20063..  
Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0382  
Level: (low/med) LOW Date Received: \_\_\_\_\_  
% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/20/05  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L Q

-----m,p-Xylene	0.50	U
95-47-6-----o-Xylene	0.50	U
1330-20-7-----Xylene (Total)	0.50	U
100-42-5-----Styrene	0.50	U
75-25-2-----Bromoform	0.50	U
98-82-8-----Isopropylbenzene	0.50	U
79-34-5-----1,1,2,2-Tetrachloroethane	0.50	U
541-73-1-----1,3-Dichlorobenzene	0.50	U
106-46-7-----1,4-Dichlorobenzene	0.50	U
95-50-1-----1,2-Dichlorobenzene	0.50	U
96-12-8-----1,2-Dibromo-3-chloropropane	0.50	U
120-82-1-----1,2,4-Trichlorobenzene	0.50	U
76-13-1-----1,1,2-Trichloro-1,2,2-Triflu	0.50	U
79-20-9-----Methyl Acetate	0.50	U
110-81-7-----Cyclohexane	0.50	U
108-87-2-----Methylcyclohexane	0.50	U



1E  
VOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK2D

Lab Name: MITKEM CORPORATION      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_    SAS No.: \_\_\_\_\_    SDG No.: MD1051

Matrix: (soil/water) WATER      Lab Sample ID: MB-20063

Sample wt/vol:      25.00 (g/mL) ML      Lab File ID: V2H0382

Level: (low/med) LOW      Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_      Date Analyzed: 09/20/05

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

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

Number TICs found: 0      CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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4A  
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK2F
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Lab Name: MITKEM CORPORATION	Contract:	
Lab Code: MITKEM	Case No.:	SAS No.:
		SDG No.: MD1051
Lab File ID: V2H0432		Lab Sample ID: MB-20073
Date Analyzed: 09/21/05		Time Analyzed: 1020
GC Column: DB-624	ID: 0.25 (mm)	Heated Purge: (Y/N) N
Instrument ID: V2		

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V2FLCS	LCS-20073	V2H0433	1055
02	V2FLCSD	LCSD-20073	V2H0434	1125
03	TB-01	D1051-08A	V2H0436	1226
04	MW-12	D1051-04A	V2H0437	1257
05	MW-07DL	D1051-01ADL	V2H0438	1401
06	MW-11DL	D1051-02ADL	V2H0439	1432
07	MW-04DL	D1051-03ADL	V2H0440	1502
08	MW-08DL	D1051-05ADL	V2H0441	1533
09	MW-03-EEDL	D1051-06ADL	V2H0442	1603
10	MW-02-EEDL	D1051-07ADL	V2H0443	1634
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COMMENTS:

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1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2F

Lab Name: MITKEM CORPORATION                      Contract: \_\_\_\_\_

Lab Code: MITKEM    Case No.: \_\_\_\_\_                      SAS No.: \_\_\_\_\_                      SDG No.: MD1051

Matrix: (soil/water) WATER                      Lab Sample ID: MB-20073

Sample wt/vol:                      25.00 (g/mL) ML                      Lab File ID:    V2H0432

Level:    (low/med)    LOW                      Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_                      Date Analyzed: 09/21/05

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon Disulfide	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
78-93-3	2-Butanone	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
71-43-2	Benzene	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2F

Lab Name: MITKEM CORPORATION Contract:  
Lab Code: MITKEM Case No.: SAS No.: SDG No.: MD1051  
Matrix: (soil/water) WATER Lab Sample ID: MB-20073  
Sample wt/vol: 25.00 (g/mL) ML Lab File ID: V2H0432  
Level: (low/med) LOW Date Received: \_\_\_\_\_  
% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/21/05  
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0  
Soil Extract Volume: \_\_\_\_\_ (uL) Soil Aliquot Volume: \_\_\_\_\_ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
-----	m,p-Xylene		0.50	U
95-47-6-----	o-Xylene		0.50	U
1330-20-7-----	Xylene (Total)		0.50	U
100-42-5-----	Styrene		0.50	U
75-25-2-----	Bromoform		0.50	U
98-82-8-----	Isopropylbenzene		0.50	U
79-34-5-----	1,1,2,2-Tetrachloroethane		0.50	U
541-73-1-----	1,3-Dichlorobenzene		0.50	U
106-46-7-----	1,4-Dichlorobenzene		0.50	U
95-50-1-----	1,2-Dichlorobenzene		0.50	U
96-12-8-----	1,2-Dibromo-3-chloropropane		0.50	U
120-82-1-----	1,2,4-Trichlorobenzene		0.50	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu		0.50	U
79-20-9-----	Methyl Acetate		0.50	U
110-81-7-----	Cyclohexane		0.50	U
108-87-2-----	Methylcyclohexane		0.50	U

1E  
 VOLATILE ORGANICS ANALYSIS DATA SHEET  
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK2F

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1051

Matrix: (soil/water) WATER

Lab Sample ID: MB-20073

Sample wt/vol: 25.00 (g/mL) ML

Lab File ID: V2H0432

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 09/21/05

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

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

Number TICs found: 0

CONCENTRATION UNITS:  
 (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8A  
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION                      Contract:  
 Lab Code: MITKEM    Case No.:                      SAS No.:                      SDG No.: MD1051  
 Lab File ID (Standard): V2H0381                      Date Analyzed: 09/20/05  
 Instrument ID: V2                                      Time Analyzed: 1555  
 GC Column: DB-624    ID: 0.25 (mm)                      Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
12 HOUR STD	1361791	6.41	737854	10.09	319634	12.98
UPPER LIMIT	2723582	6.91	1475708	10.59	639268	13.48
LOWER LIMIT	680896	5.91	368927	9.59	159817	12.48
EPA SAMPLE NO.						
01 VBLK2D	1526825	6.41	806404	10.09	285617	12.98
02 V2DLCS	1304383	6.41	728312	10.10	309749	12.98
03 MW-07	1518956	6.41	935069	10.09	327711	12.98
04 MW-11	1431402	6.40	847403	10.09	313306	12.98
05 MW-04	1547219	6.40	854103	10.10	337953	12.98
06 MW-08	1579452	6.40	977552	10.10	367185	12.98
07 MW-03-EE	1537473	6.41	939627	10.09	339713	12.98
08 MW-02-EE	1481796	6.40	922776	10.09	336541	12.98
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IS1 = Fluorobenzene  
 IS2 (CBZ) = Chlorobenzene-d5  
 IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% 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.  
 \* Values outside of QC limits.

8A  
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION                      Contract:  
 Lab Code: MITKEM    Case No.:                      SAS No.:                      SDG No.: MD1051  
 Lab File ID (Standard): V2H0431                      Date Analyzed: 09/21/05  
 Instrument ID: V2                                      Time Analyzed: 0939  
 GC Column: DB-624    ID: 0.25 (mm)                      Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	1222068	6.40	681139	10.09	294763	12.98
UPPER LIMIT	2444136	6.90	1362278	10.59	589526	13.48
LOWER LIMIT	611034	5.90	340570	9.59	147382	12.48
=====	=====	=====	=====	=====	=====	=====
EPA SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 VBLK2F	1556793	6.40	799361	10.08	301986	12.98
02 V2FLCS	1254829	6.40	678651	10.09	303107	12.98
03 V2FLCSD	1246174	6.40	696077	10.09	296740	12.97
04 TB-01	1358961	6.40	725502	10.08	259741	12.98
05 MW-12	1510193	6.40	885282	10.08	415078	12.98
06 MW-07DL	1558666	6.40	848395	10.08	336503	12.98
07 MW-11DL	1551591	6.40	827201	10.08	318757	12.98
08 MW-04DL	1486056	6.40	786987	10.09	307160	12.98
09 MW-08DL	1265732	6.40	710541	10.09	276659	12.98
10 MW-03-EEDL	1241303	6.40	684401	10.08	253188	12.98
11 MW-02-EEDL	1301043	6.40	708138	10.08	262271	12.98
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19						
20						
21						
22						

IS1 = Fluorobenzene  
 IS2 (CBZ) = Chlorobenzene-d5  
 IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% 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.  
 \* Values outside of QC limits.

**From:** Trish Schaap  
**To:** Welling, William  
**Date:** 12/13/2006 8:49:21 AM  
**Subject:** Re: OT Waiver

I am asking what TDS codes are qualifying hazardous sites for ot

>>> William Welling 12/12/2006 4:26:19 PM >>>

Trish, are you asking for T&A codes for the sites we work on when we do field work? I'm not sure I understand what you are asking for.

Will Welling

>>> Trish Schaap 12/12/2006 3:10:30 PM >>>

I am working on the overtime waiver report in order to pay any time that you are do. Could you please e-mail me to let me know what TDS codes are used when you are working at a qualifying Hazardous work sites.

Thanks

Trish