



"Environmental Testing For The New Millennium"

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Warwick, Rhode Island 02886-1755  
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Helen

### FACSIMILE COVER SHEET

TO: James Kearns FROM: Joy Boudreau  
 COMPANY: Earth Tech DATE: 9/7/05  
1-516-466-8637  
 FAX NUMBER: 1-518-951-2300 NUMBER OF PAGES: 8  
(Including cover sheet)

Enclosed are the preliminary analytical results for your project SMS 87616 The  
Volatiles are preliminary. The Chain-of-Custody has  
been included in this fax. If you have any questions  
please contact your project manager Ben Dodge.

Hard copies of the report will follow upon completion of final QA/QC review.

This is a preliminary report that contains incomplete data or data that has not been fully reviewed. Caution should be exercised in the use of any data presented, as final reported results are subject to change pending final QA/QC review.

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**EMSE Analytical, Inc.** Mithen Corporation  
 Chemistry Lab 175 Metro Center Boulevard  
 3 Campus St., Westborough, MA 01581  
 TEL: (508) 853-4808 FAX: (508) 853-4871

**Chain of Custody / Analysis Request Form**  
 Print ALL Information. Put N/A in blanks not applicable

**REPORT RESULTS TO:**  
 Name: James Kenner  
 Company Earth Tech  
 Address 110 Center Mill Rd.  
 City Great Neck State NY ZIP 11021  
 TEL: 804-283-5989 FAX: 516-466-8657

**SEND INVOICE TO:**  
 Name: English Tom/Elsie/Mel POB:  
 Company Earth Tech  
 Address 40 British American Boulevard  
 City Latham State NY ZIP 12110  
 TEL: 518-451-2341 FAX: 518-951-2200

**TURNAROUND TIME:**  
 Date Results needed by:  4-5 days  24 Hrs  72 Hrs  48 Hrs  
 Standard Turnaround Time is 10 working days   
 The following turnaround times require lab approval:  
 Approved by: \_\_\_\_\_  
 Project ID: 518-80616

**REPORT RESULTS TO:**  
 Name: James Kenner  
 Company Earth Tech  
 Address 110 Center Mill Rd.  
 City Great Neck State NY ZIP 11021  
 TEL: 804-283-5989 FAX: 516-466-8657

**TURNAROUND TIME:**  
 Date Results needed by: \_\_\_\_\_  
 Standard Turnaround Time is 10 working days   
 The following turnaround times require lab approval:  
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 Project ID: 518-80616

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 Name: James Kenner  
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 City Great Neck State NY ZIP 11021  
 TEL: 804-283-5989 FAX: 516-466-8657

Sample Number	Station Location / Sample ID	COMP	GRAB	MATRIX							Method Preserved	Date & Time Received	Condition Noted	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3				H2SO4
1. Effluent			✓	✓									8/10/05 09:15	✓
2. Effluent A			✓	✓									8/10/05 09:15	✓
3. Influent			✓	✓									8/10/05 09:15	✓
4.														
5.														
6.														
7.														
8.														
9.														
10.														

**Comments:**  
 Date & Time Released: 8/10/05 13:00  
 Delivery Method: FedEx  
 Received By Signature: [Signature]  
 Agency: Mithen  
 Date & Time Received: 9/10/05 8:15  
 Condition Noted: SAC

Please indicate reporting requirements:  1. Results Only  2. Results and QC  3. Reduced Deliverables  4. Data Deliverable

VOLATILE ORGANICS ANALYSIS DATA SHEET

INFLUENT

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1031

Matrix: (soil/water) WATER

Lab Sample ID: D1031-03A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6D8163

Level: (low/med) LOW

Date Received: 09/01/05

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

Date Analyzed: 09/02/05

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
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	2	J
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl vinyl ether	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	2	J
100-41-4	Ethylbenzene	5	U
	m, p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U

IA  
VOLATILE ORGANICS ANALYSIS DATA SHEET

INFLUENT

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1031

Matrix: (soil/water) WATER

Lab Sample ID: D1031-03A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6D8163

Level: (low/med) LOW

Date Received: 09/01/05

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

Date Analyzed: 09/02/05

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
95-50-1-----	1,2-Dichlorobenzene	5	U

LA  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EFFLUENT-A

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1031

Matrix: (soil/water) WATER

Lab Sample ID: D1031-02A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6D8187

Level: (low/med) LOW

Date Received: 09/01/05

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

Date Analyzed: 09/06/05

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
95-50-1-----	1,2-Dichlorobenzene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EFFLUENT-A

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MD1031

Matrix: (soil/water) WATER

Lab Sample ID: D1031-02A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6D8187

Level: (low/med) LOW

Date Received: 09/01/05

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

Date Analyzed: 09/06/05

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
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl vinyl ether	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-38-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U

PRELIMINARY

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EFFLUENT

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1031

Matrix: (soil/water) WATER

Lab Sample ID: D1031-01A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6D8161

Level: (low/med) LOW

Date Received: 09/01/05

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

Date Analyzed: 09/02/05

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
95-50-1-1	1,2-Dichlorobenzene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EFFLUENT

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MD1031

Matrix: (soil/water) WATER

Lab Sample ID: D1031-01A

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6D8161

Level: (low/med) LOW

Date Received: 09/01/05

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

Date Analyzed: 09/02/05

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

74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethane	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
110-75-8	2-Chloroethyl vinyl ether	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Dibromochloromethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U
1330-20-7	Xylene (Total)	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U