SDMS DocID 2241239

Lockheed Martin Environmental Services
US EPA Environmental Science Center
701 Mapes Road Ft. Meade, MD 20755-5350
Telephone 410-305-3037 Facsimile 410-305-3597

LOCKHEED MARTIN

Mr. Michael Towle, 3HS31
USEPA Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

November 21, 2000

Dear Michael,

Enclosed you will find the unvalidated Form I's and associated documents for SDG C02Q7, RAS case 28689, 12th Street Landfill site. Please contact ESAT's RPO, Fredrick Foreman, at 410-305-2629, if ESAT can be of any further assistance.

Sincerely,

Lisa D. Penix
ESAT RSCC

cc: Fred Foreman, ESAT RPO

28689

U.S. EPA Region III Sample Scheduling Request Form

ORIGINAL

DAS CASE No: ~~CT672~~ CT694	DAS No:	NSF No:
Date: October 16, 2000	Data Validation Level: M1, IM1	EPA Lab Reply:
Site Name: 12th Street Landfill		Cost:
Address: 12th Street at Brandywwine River	City: Wilmington	State: DE
Latitude:	Longitude:	Anal +Val Data TAT:28 days
Program: Superfund	CERCLIS No: DESFN0305510	Activity: Removal
Account No: 01T03N50102DD330~~Q~~UB00	Operable Unit:	Spill ID:
Preparer: (b) (4) [redacted]	RPM/PO:Michael Towle 3HS31	Site Leader: (b) (4) [redacted]
Phone: 6(b) (4) [redacted]	Phone: 215-814-3272	Phone: 6(b) (4) [redacted]
FAX: 610-485-8587	FAX: 215-814-3254	FAX: 610-485-8587
E-mail: (b) (4) [redacted] @ttemi.com	E-mail: towle.michael@epa.gov	E-mail: (b) [redacted] @ttemi.com
EPA CO: Deborah Eble	Contract Type: START 3 Eastern Area	Prime: Tetra Tech EM Inc. / Sub:
Lab Assignment Date:	Analytical TAT: 14 days	Ship Date From: ~~10/16/00~~ 11-06-00
Organic Lab:		Ship Date To: ~~10/19/~~00 11-06-00
Inorganic Lab:		Carrier:

SAMPLES	METHOD	PARAMETER	MATRIX
3	ILM04.1	TAL METALS	SOIL
1	ILM04.1	TAL METALS & CYANIDE	SOIL
1	OLM04.2	TCL ORGANICS	SOIL

NOTE: Data validation levels M3 & IM2 require justification. QC field samples must be included as part of total number of samples.

1. Special Instructions: OSC needs results faxed to him at the above number when they are received at RSCC.
2. Objectives / Project Plan ID / Permit ID: Verify if further cleanup is necessary.
3. Program / Project / Permit Reporting Limits As per method.
4. QO (QC Requirements) As per method.

EPA United States Environmental Protection Agency
Contract Laboratory Program

Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

Case No. 28689

1. Project Code: 07003
2. Region No.: 3
Sampling Co.: Tetra Tech EM Inc
4. Date Shipped: 11/6/00
Carrier: Fed Ex
Airbill Number: 4788 6145 3134

Account Code:
Sampler (Name): (b) (4) [redacted]
(b) (4) [redacted]

Site Name: 12th Street Landfill
City, State: Wilmington DE
Site Spill ID: E0D30
Op Unit:

3. Purpose**
Lead: SF, PRP, ST, FED, BZ
Early Action: IA, PA, REM, RI, SI, ESI
Long-Term Action: RIFS, RD, RA, O&M

5. Ship To:
Mitkem
175 Metro Center Blvd
Warwick, RI 02886
ATTN: Agnes Ng

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. PE-water
7. PE-soil
8. Other (specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. CH3OH
7. Other (specify in Column D)
N. Not Preserved

CLP Sample Numbers (from labels)	A Matrix (from Box 6) Other:	B Conc.: Low Med	C Sample Type: Comp./Grab	D Preservative (from Box 7) Other:	E RAS Analysis TA (circle one) PR* 7 14 21 VOA	TA (circle one) PR* 7 14 21 BNA	TA (circle one) PR* 7 14 21 Pest/PCB	F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K Field QC Qualifier (B = Blank S = Field Spike D = Field Duplicate R = Rinsate PE = Perform Eval.)
C02Q7	5	L	G	5	X	X	X	3-300172627	S-1	11/6/00 1020	MC01E1	RC	— —
					req 11/21/00 ADP			C02Q7					

Shipment for Case Complete? (Y/N): Y
Page 1 of 1

VOA MS/MSD Required? Y/N Sample #: C02Q7
BNA MS/MSD Required? Y/N Sample #: C02Q7
Pest/PCB MS/MSD Required? Y/N Sample #: C02Q7

Additional Sampler Signatures:
Chain of Custody Seal Number(s):

*PR provides 7-day data turnaround in addition to preliminary results. Requests for preliminary results will increase analytical costs.

Chain of Custody Record

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
(b) (4) [redacted]	11-6-00 1630	FEDEX			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	

Distribution: Blue - Region Copy; White - Lab Copy for Return to SMO; Pink - SMO Copy; Yellow - Lab Copy for Return to Region

See Reverse for Additional Standard Instructions
**See Reverse for Purpose Code Definitions

EPA Form 9110-2 (2/99)

CLASS-99-001

ORIGINAL

SDG Narrative

Mitkem Corporation submits the enclosed data package in response to USEPA Case # 28689 and SDG# C02Q7. Analyses were performed for one soil sample that was received on November 7, 2000. The analyses were performed under USEPA Contract # 68-W-99-076. Please note that the cooler received was measured at 4°C.

The following samples are submitted in this data package:

Client ID	Lab ID	Analysis
C02Q7	71800001	V, S, P
C02Q7MS	71800002	V, S, P
C02Q7MSD	71800003	V, S, P

V = Volatiles
S = Semivolatiles
P = Pesticides/PCB

The analyses were performed using USEPA CLP Multi-Media, Multi-Concentration (OLM04.2) protocols. The analyses were performed with strict adherence to the SOW with the following exceptions and observations:

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.

2. Volatile Analysis:

Trap used for instrument V6: 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.

Matrix spike and matrix spike duplicate were performed on C02Q7. Spike recoveries were within the advisory QC limits except for high recovery of toluene in the matrix spike. RPDs were within the advisory QC limits.

Internal standard area count was outside of QC criteria in sample C02Q7. It was also out in the associated matrix spike and matrix spike duplicate.

No other unusual observation was made for the analysis.

3. Semivolatile Analysis:

GC column: 30 m x 0.25 mm id (0.5 um film thickness) DB-5MS capillary column

Matrix spike and matrix spike duplicate were performed on C02Q7. Spike recoveries were within the advisory QC limits except for high recovery of pyrene in the matrix spike. RPDs were within the advisory QC limits.

Internal standard area counts were outside of QC criteria for sample C02Q7. Internal standard area counts were also outside of QC criteria in the associated matrix spike, matrix spike duplicate and the diluted run.

Sample C02Q7 was re-analyzed at dilution to ensure the all target analytes were within the instrument calibration range.

No other unusual observation was made for the analysis.

4. Pesticides/PCB Analysis:

GC column used: 30 m x 0.53 mm id (0.81 um film thickness) DB-608 and 30 m x 0.53 mm id (0.5 um film thickness) DB-1701 megabore columns

Matrix spike and matrix spike duplicate were performed on C02Q7. Spike recoveries and replicate RPDs were within the advisory QC limits.

No unusual observation was made for the analysis.

All of the submittals to the region are originals other than log book pages and copies of tunes and standard files which are shared by many other cases. For these, the original copies are archived in the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-

readable data submitted on diskette has been authorized by the laboratory manager or his designee, as verified by the following signature.

(b) (4) [redacted]

CLP Project Manager
11/20/00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 7180001

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6A8976

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 35 Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	15	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	57	B
75-15-0	Carbon Disulfide	15	U
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	15	U
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	Methyl tert-Butyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	16	
67-66-3	Chloroform	2	JB
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	2	J
107-06-2	1,2-Dichloroethane	15	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 7180001

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6A8976

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 35 Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	15	U
108-87-2	Methylcyclohexane	15	U
78-87-5	1,2-Dichloropropane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-Pentanone	15	U
108-88-3	Toluene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U
127-18-4	Tetrachloroethene	3	J
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
1330-20-7	Xylene (total)	15	U
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	24	
79-34-5	1,1,2,2-Tetrachloroethane	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

C02Q7

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 7180001

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6A8976

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 35 Date Analyzed: 11/13/00

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

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

Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	98-82-8	BENZENE, (1-METHYLETHYL)-	12.75	31	NJ
2.	2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	15.48	19	NJ
3.	575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	19.87	42	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6T

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: V6B1113A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V6A8970

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	2	J
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	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
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	J
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK6T

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: V6B1113A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V6A8970

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	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	1	J
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	10	U
591-78-6	2-Hexanone	2	J
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
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	1	J
106-46-7	1,4-Dichlorobenzene	1	J
95-50-1	1,2-Dichlorobenzene	1	J
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	3	J

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK6T

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: V6B1113A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V6A8970

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 11/13/00

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

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 629-50-5	TRIDECANE	17.04	54	NJ
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK6T

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: V6B1113C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V6A8982

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. _____ Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	2	JB
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	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
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	1	J
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK6T

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: V6B1113C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V6A8982

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. _____ Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	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	10	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	10	U
591-78-6	2-Hexanone	10	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
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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLK6T

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: V6B1113C

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V6A8982

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. _____ Date Analyzed: 11/13/00

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

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	12.60	7	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MS

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 7180002

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6A8977

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 35 Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	67	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	78	B
75-15-0	Carbon Disulfide	4	J
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	15	U
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	Methyl tert-Butyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	25	
67-66-3	Chloroform	2	JB
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	90	
107-06-2	1,2-Dichloroethane	15	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MS

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 7180002

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V6A8977

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 35 Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	68	
108-87-2	Methylcyclohexane	15	U
78-87-5	1,2-Dichloropropane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-Pentanone	15	U
108-88-3	Toluene	110	
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U
127-18-4	Tetrachloroethene	12	J
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	77	
100-41-4	Ethylbenzene	15	U
1330-20-7	Xylene (total)	2	J
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	74	
79-34-5	1,1,2,2-Tetrachloroethane	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MSD

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 7180003

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V6A8978

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 35 Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	53	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	95	B
75-15-0	Carbon Disulfide	3	J
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	15	U
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	Methyl tert-Butyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	27	
67-66-3	Chloroform	2	JB
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	83	
107-06-2	1,2-Dichloroethane	15	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MSD

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 7180003

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V6A8978

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 35 Date Analyzed: 11/13/00

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	64	
108-87-2	Methylcyclohexane	15	U
78-87-5	1,2-Dichloropropane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-Pentanone	15	U
108-88-3	Toluene	97	
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U
127-18-4	Tetrachloroethene	9	J
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	72	
100-41-4	Ethylbenzene	15	U
1330-20-7	Xylene (total)	15	U
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	63	
79-34-5	1,1,2,2-Tetrachloroethane	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8736

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	73	J
108-95-2	Phenol	510	U
111-44-4	bis(2-Chloroethyl)Ether	510	U
95-57-8	2-Chlorophenol	510	U
95-48-7	2-Methylphenol	510	U
108-60-1	2,2'-oxybis(1-Chloropropane)	510	U
98-86-2	Acetophenone	100	J
106-44-5	4-Methylphenol	510	U
621-64-7	N-Nitroso-di-n-propylamine	510	U
67-72-1	Hexachloroethane	510	U
98-95-3	Nitrobenzene	510	U
78-59-1	Isophorone	510	U
88-75-5	2-Nitrophenol	510	U
105-67-9	2,4-Dimethylphenol	510	U
111-91-1	bis(2-Chloroethoxy)methane	510	U
120-83-2	2,4-Dichlorophenol	510	U
91-20-3	Naphthalene	69	J
106-47-8	4-Chloroaniline	510	U
87-68-3	Hexachlorobutadiene	510	U
105-60-2	Caprolactam	510	U
59-50-7	4-Chloro-3-Methylphenol	510	U
91-57-6	2-Methylnaphthalene	160	J
77-47-4	Hexachlorocyclopentadiene	510	U
88-06-2	2,4,6-Trichlorophenol	510	U
95-95-4	2,4,5-Trichlorophenol	1300	U
92-52-4	1,1'-Biphenyl	110	J
91-58-7	2-Chloronaphthalene	510	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	73	J
606-20-2	2,6-Dinitrotoluene	510	U
208-96-8	Acenaphthylene	510	U
99-09-2	3-Nitroaniline	1300	U
83-32-9	Acenaphthene	510	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
C02Q7

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8736

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	1300 U
100-02-7	4-Nitrophenol	1300 U
132-64-9	Dibenzofuran	71 J
121-14-2	2,4-Dinitrotoluene	510 U
84-66-2	Diethylphthalate	510 U
86-73-7	Fluorene	510 U
7005-72-3	4-Chlorophenyl-phenylether	510 U
100-01-6	4-Nitroaniline	1300 U
534-52-1	4,6-Dinitro-2-methylphenol	1300 U
86-30-6	N-Nitrosodiphenylamine (1)	210 J
101-55-3	4-Bromophenyl-phenylether	510 U
118-74-1	Hexachlorobenzene	510 U
1912-24-9	Atrazine	510 U
87-86-5	Pentachlorophenol	1300 U
85-01-8	Phenanthrene	170 J
120-12-7	Anthracene	510 U
86-74-8	Carbazole	510 U
84-74-2	Di-n-butylphthalate	360 J
206-44-0	Fluoranthene	110 J
129-00-0	Pyrene	380 J
85-68-7	Butylbenzylphthalate	550
91-94-1	3,3'-Dichlorobenzidine	510 U
56-55-3	Benzo(a)anthracene	100 J
218-01-9	Chrysene	200 J
117-81-7	bis(2-Ethylhexyl)phthalate	19000 EB
117-84-0	Di-n-octylphthalate	120 J
205-99-2	Benzo(b)fluoranthene	160 J
207-08-9	Benzo(k)fluoranthene	510 U
50-32-8	Benzo(a)pyrene	93 J
193-39-5	Indeno(1,2,3-cd)pyrene	100 J
53-70-3	Dibenzo(a,h)anthracene	510 U
191-24-2	Benzo(g,h,i)perylene	200 J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

C02Q7

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8736

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

Number TICs found: 30

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	5.67	49000	ANJB
2.	UNKNOWN	5.86	200	J
3.	UNKNOWN	6.22	240	JB
4.	UNKNOWN	6.73	5200	JB
5. 98-82-8	BENZENE, (1-METHYLETHYL)-	6.87	730	NJ
6.	UNKNOWN	7.78	550	JB
7. 3173-53-3	CYCLOHEXANE, ISOCYANATO-	8.05	130	NJ
8.	UNKNOWN	8.08	210	JB
9.	UNKNOWN	8.38	170	J
10. 90-02-8	BENZALDEHYDE, 2-HYDROXY-	8.74	130	NJ
11. 1120-21-4	UNDECANE	9.40	150	NJ
12.	UNKNOWN	9.49	180	J
13.	UNKNOWN	10.63	150	J
14. 629-50-5	TRIDECANE	11.95	190	NJ
15. 629-59-4	TETRADECANE	13.10	320	NJ
16. 294-62-2	CYCLODODECANE	13.92	1200	NJ
17. 629-62-9	PENTADECANE	14.19	220	NJ
18.	UNKNOWN	14.84	130	J
19.	UNKNOWN	14.96	170	J
20. 629-59-4	TETRADECANE	15.22	170	NJ
21. 294-62-2	CYCLODODECANE	16.12	1000	NJ
22. 629-78-7	HEPTADECANE	16.19	540	NJ
23. 55720-40-6	NAPHTHALENE, 2,3,6-TRICHLORO	16.78	400	NJ
24. 84-15-1	O-TERPHENYL	18.08	610	NJ
25. 20273-27-2	BICYCLOHEXYL, 4-PHENYL-	19.04	680	NJ
26.	UNKNOWN	20.00	780	J
27. 84-78-6	1,2-BENZENEDICARBOXYLIC ACID	20.81	520	NJ
28. 593-45-3	OCTADECANE	21.83	590	NJ
29. 112-95-8	EICOSANE	22.51	620	NJ
30. 112-95-8	EICOSANE	23.78	680	NJ

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7DL

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800001DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8738B

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 16.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	8100	U
108-95-2	Phenol	8100	U
111-44-4	bis(2-Chloroethyl)Ether	8100	U
95-57-8	2-Chlorophenol	8100	U
95-48-7	2-Methylphenol	8100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	8100	U
98-86-2	Acetophenone	8100	U
106-44-5	4-Methylphenol	8100	U
621-64-7	N-Nitroso-di-n-propylamine	8100	U
67-72-1	Hexachloroethane	8100	U
98-95-3	Nitrobenzene	8100	U
78-59-1	Isophorone	8100	U
88-75-5	2-Nitrophenol	8100	U
105-67-9	2,4-Dimethylphenol	8100	U
111-91-1	bis(2-Chloroethoxy)methane	8100	U
120-83-2	2,4-Dichlorophenol	8100	U
91-20-3	Naphthalene	8100	U
106-47-8	4-Chloroaniline	8100	U
87-68-3	Hexachlorobutadiene	8100	U
105-60-2	Caprolactam	8100	U
59-50-7	4-Chloro-3-Methylphenol	8100	U
91-57-6	2-Methylnaphthalene	8100	U
77-47-4	Hexachlorocyclopentadiene	8100	U
88-06-2	2,4,6-Trichlorophenol	8100	U
95-95-4	2,4,5-Trichlorophenol	20000	U
92-52-4	1,1'-Biphenyl	8100	U
91-58-7	2-Chloronaphthalene	8100	U
88-74-4	2-Nitroaniline	20000	U
131-11-3	Dimethylphthalate	8100	U
606-20-2	2,6-Dinitrotoluene	8100	U
208-96-8	Acenaphthylene	8100	U
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	8100	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7DL

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800001DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8738B

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 16.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	20000 U
100-02-7	4-Nitrophenol	20000 U
132-64-9	Dibenzofuran	8100 U
121-14-2	2,4-Dinitrotoluene	8100 U
84-66-2	Diethylphthalate	8100 U
86-73-7	Fluorene	8100 U
7005-72-3	4-Chlorophenyl-phenylether	8100 U
100-01-6	4-Nitroaniline	20000 U
534-52-1	4,6-Dinitro-2-methylphenol	20000 U
86-30-6	N-Nitrosodiphenylamine (1)	8100 U
101-55-3	4-Bromophenyl-phenylether	8100 U
118-74-1	Hexachlorobenzene	8100 U
1912-24-9	Atrazine	8100 U
87-86-5	Pentachlorophenol	20000 U
85-01-8	Phenanthrene	8100 U
120-12-7	Anthracene	8100 U
86-74-8	Carbazole	8100 U
84-74-2	Di-n-butylphthalate	8100 U
206-44-0	Fluoranthene	8100 U
129-00-0	Pyrene	8100 U
85-68-7	Butylbenzylphthalate	8100 U
91-94-1	3,3'-Dichlorobenzidine	8100 U
56-55-3	Benzo(a)anthracene	8100 U
218-01-9	Chrysene	8100 U
117-81-7	bis(2-Ethylhexyl)phthalate	39000 DB
117-84-0	Di-n-octylphthalate	8100 U
205-99-2	Benzo(b)fluoranthene	8100 U
207-08-9	Benzo(k)fluoranthene	8100 U
50-32-8	Benzo(a)pyrene	8100 U
193-39-5	Indeno(1,2,3-cd)pyrene	8100 U
53-70-3	Dibenzo(a,h)anthracene	8100 U
191-24-2	Benzo(g,h,i)perylene	8100 U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

C02Q7DL

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800001DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8738B

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 16.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.10	6100	JD
2. 123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	5.50	120000	ANJBD
3.	UNKNOWN	6.69	8400	JBD
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1Q

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: S1108-BS1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8733

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

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

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1Q

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: S1108-BS1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8733

Level: (low/med) LOW Date Received: _____

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

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

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	830 U
100-02-7	4-Nitrophenol	830 U
132-64-9	Dibenzofuran	330 U
121-14-2	2,4-Dinitrotoluene	330 U
84-66-2	Diethylphthalate	330 U
86-73-7	Fluorene	330 U
7005-72-3	4-Chlorophenyl-phenylether	330 U
100-01-6	4-Nitroaniline	830 U
534-52-1	4,6-Dinitro-2-methylphenol	830 U
86-30-6	N-Nitrosodiphenylamine (1)	330 U
101-55-3	4-Bromophenyl-phenylether	330 U
118-74-1	Hexachlorobenzene	330 U
1912-24-9	Atrazine	330 U
87-86-5	Pentachlorophenol	830 U
85-01-8	Phenanthrene	330 U
120-12-7	Anthracene	330 U
86-74-8	Carbazole	330 U
84-74-2	Di-n-butylphthalate	330 U
206-44-0	Fluoranthene	330 U
129-00-0	Pyrene	330 U
85-68-7	Butylbenzylphthalate	330 U
91-94-1	3,3'-Dichlorobenzidine	330 U
56-55-3	Benzo(a)anthracene	330 U
218-01-9	Chrysene	330 U
117-81-7	bis(2-Ethylhexyl)phthalate	36 J
117-84-0	Di-n-octylphthalate	330 U
205-99-2	Benzo(b)fluoranthene	330 U
207-08-9	Benzo(k)fluoranthene	330 U
50-32-8	Benzo(a)pyrene	330 U
193-39-5	Indeno(1,2,3-cd)pyrene	330 U
53-70-3	Dibenzo(a,h)anthracene	330 U
191-24-2	Benzo(g,h,i)perylene	330 U

(1) - Cannot be separated from Diphenylamine

2/4 JB

~~230~~ 1/2

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1Q

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: S1108-BS1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8733

Level: (low/med) LOW Date Received: _____

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) SONC

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

Number TICs found: 9

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2-PENTANONE, 4-HYDROXY-4-MET	5.64	29000	ANJ
2.	UNKNOWN	6.21	130	J
3.	UNKNOWN	6.62	82	J
4.	UNKNOWN	6.72	3000	J
5.	UNKNOWN	6.80	86	J
6.	UNKNOWN	7.48	72	J
7.	UNKNOWN	7.78	290	J
8.	UNKNOWN	8.08	180	J
9.	UNKNOWN	16.59	250	J
10.				
11.				
12.				
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30.				

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MS

ORIGINAL

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8737

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	120	J
108-95-2	Phenol	2600	
111-44-4	bis(2-Chloroethyl)Ether	510	U
95-57-8	2-Chlorophenol	2500	
95-48-7	2-Methylphenol	510	U
108-60-1	2,2'-oxybis(1-Chloropropane)	510	U
98-86-2	Acetophenone	120	J
106-44-5	4-Methylphenol	510	U
621-64-7	N-Nitroso-di-n-propylamine	2300	
67-72-1	Hexachloroethane	510	U
98-95-3	Nitrobenzene	510	U
78-59-1	Isophorone	510	U
88-75-5	2-Nitrophenol	510	U
105-67-9	2,4-Dimethylphenol	510	U
111-91-1	bis(2-Chloroethoxy)methane	510	U
120-83-2	2,4-Dichlorophenol	510	U
91-20-3	Naphthalene	110	J
106-47-8	4-Chloroaniline	510	U
87-68-3	Hexachlorobutadiene	510	U
105-60-2	Caprolactam	510	U
59-50-7	4-Chloro-3-Methylphenol	2400	
91-57-6	2-Methylnaphthalene	230	J
77-47-4	Hexachlorocyclopentadiene	510	U
88-06-2	2,4,6-Trichlorophenol	510	U
95-95-4	2,4,5-Trichlorophenol	1300	U
92-52-4	1,1'-Biphenyl	160	J
91-58-7	2-Chloronaphthalene	510	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	150	J
606-20-2	2,6-Dinitrotoluene	510	U
208-96-8	Acenaphthylene	510	U
99-09-2	3-Nitroaniline	1300	U
83-32-9	Acenaphthene	2300	

11/20/00 23/18

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MS

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8737

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND	Q
51-28-5	2,4-Dinitrophenol	1300 U
100-02-7	4-Nitrophenol	2700
132-64-9	Dibenzofuran	92 J
121-14-2	2,4-Dinitrotoluene	2000
84-66-2	Diethylphthalate	510 U
86-73-7	Fluorene	510 U
7005-72-3	4-Chlorophenyl-phenylether	510 U
100-01-6	4-Nitroaniline	1300 U
534-52-1	4,6-Dinitro-2-methylphenol	1300 U
86-30-6	N-Nitrosodiphenylamine (1)	210 J
101-55-3	4-Bromophenyl-phenylether	510 U
118-74-1	Hexachlorobenzene	510 U
1912-24-9	Atrazine	510 U
87-86-5	Pentachlorophenol	1700
85-01-8	Phenanthrene	250 J
120-12-7	Anthracene	510 U
86-74-8	Carbazole	510 U
84-74-2	Di-n-butylphthalate	250 J
206-44-0	Fluoranthene	140 J
129-00-0	Pyrene	4500 E
85-68-7	Butylbenzylphthalate	680
91-94-1	3,3'-Dichlorobenzidine	510 U
56-55-3	Benzo(a)anthracene	180 J
218-01-9	Chrysene	370 J
117-81-7	bis(2-Ethylhexyl)phthalate	22000 EB
117-84-0	Di-n-octylphthalate	510 U
205-99-2	Benzo(b)fluoranthene	250 J
207-08-9	Benzo(k)fluoranthene	76 J
50-32-8	Benzo(a)pyrene	190 J
193-39-5	Indeno(1,2,3-cd)pyrene	220 J
53-70-3	Dibenzo(a,h)anthracene	510 U
191-24-2	Benzo(g,h,i)perylene	460 J

(1) - Cannot be separated from Diphenylamine

11/20/00

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MSD

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8738

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND	UG/KG	Q
100-52-7	Benzaldehyde	69	J
108-95-2	Phenol	2600	
111-44-4	bis(2-Chloroethyl)Ether	510	U
95-57-8	2-Chlorophenol	2600	
95-48-7	2-Methylphenol	510	U
108-60-1	2,2'-oxybis(1-Chloropropane)	510	U
98-86-2	Acetophenone	81	J
106-44-5	4-Methylphenol	510	U
621-64-7	N-Nitroso-di-n-propylamine	2200	
67-72-1	Hexachloroethane	510	U
98-95-3	Nitrobenzene	510	U
78-59-1	Isophorone	510	U
88-75-5	2-Nitrophenol	510	U
105-67-9	2,4-Dimethylphenol	510	U
111-91-1	bis(2-Chloroethoxy)methane	510	U
120-83-2	2,4-Dichlorophenol	510	U
91-20-3	Naphthalene	89	J
106-47-8	4-Chloroaniline	510	U
87-68-3	Hexachlorobutadiene	510	U
105-60-2	Caprolactam	510	U
59-50-7	4-Chloro-3-Methylphenol	2500	
91-57-6	2-Methylnaphthalene	200	J
77-47-4	Hexachlorocyclopentadiene	510	U
88-06-2	2,4,6-Trichlorophenol	510	U
95-95-4	2,4,5-Trichlorophenol	1300	U
92-52-4	1,1'-Biphenyl	140	J
91-58-7	2-Chloronaphthalene	510	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	110	J
606-20-2	2,6-Dinitrotoluene	510	U
208-96-8	Acenaphthylene	510	U
99-09-2	3-Nitroaniline	1300	U
83-32-9	Acenaphthene	2200	

240 B
11/20/00 222

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MSD

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1B8738

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: 35 Decanted: (Y/N) N Date Extracted: 11/08/00

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/20/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1300	U
100-02-7	4-Nitrophenol	2700	
132-64-9	Dibenzofuran	85	J
121-14-2	2,4-Dinitrotoluene	2000	
84-66-2	Diethylphthalate	510	U
86-73-7	Fluorene	510	U
7005-72-3	4-Chlorophenyl-phenylether	510	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	330	J
101-55-3	4-Bromophenyl-phenylether	510	U
118-74-1	Hexachlorobenzene	510	U
1912-24-9	Atrazine	510	U
87-86-5	Pentachlorophenol	2000	
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	510	U
86-74-8	Carbazole	510	U
84-74-2	Di-n-butylphthalate	300	J
206-44-0	Fluoranthene	110	J
129-00-0	Pyrene	3900	
85-68-7	Butylbenzylphthalate	580	
91-94-1	3,3'-Dichlorobenzidine	510	U
56-55-3	Benzo(a)anthracene	120	J
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	27000	EB
117-84-0	Di-n-octylphthalate	79	J
205-99-2	Benzo(b)fluoranthene	190	J
207-08-9	Benzo(k)fluoranthene	70	J
50-32-8	Benzo(a)pyrene	160	J
193-39-5	Indeno(1,2,3-cd)pyrene	170	J
53-70-3	Dibenzo(a,h)anthracene	510	U
191-24-2	Benzo(g,h,i)perylene	330	J

(1) - Cannot be separated from Diphenylamine

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2C2659F

% Moisture: 35 Decanted: (Y/N) N Date Received: 11/07/00

Extraction: (Type) SONC Date Extracted: 11/08/00

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND	Q
319-84-6	alpha-BHC	2.6 U
319-85-7	beta-BHC	2.6 U
319-86-8	delta-BHC	2.6 U
58-89-9	gamma-BHC (Lindane)	2.6 U
76-44-8	Heptachlor	2.6 U
309-00-2	Aldrin	2.6 U
1024-57-3	Heptachlor epoxide	4.4 P
959-98-8	Endosulfan I	2.6 U
60-57-1	Dieldrin	5.1 U
72-55-9	4,4'-DDE	5.1 U
72-20-8	Endrin	5.1 U
33213-65-9	Endosulfan II	5.1 U
72-54-8	4,4'-DDD	7.4 P
1031-07-8	Endosulfan sulfate	5.1 U
50-29-3	4,4'-DDT	12 P
72-43-5	Methoxychlor	26 U
53494-70-5	Endrin ketone	5.1 U
7421-93-4	Endrin aldehyde	5.1 U
5103-71-9	alpha-Chlordane	6.5 P
5103-74-2	gamma-Chlordane	2.6 U
8001-35-2	Toxaphene	260 U
12674-11-2	Aroclor-1016	51 U
11104-28-2	Aroclor-1221	100 U
11141-16-5	Aroclor-1232	51 U
53469-21-9	Aroclor-1242	51 U
12672-29-6	Aroclor-1248	51 U
11097-69-1	Aroclor-1254	51 U
11096-82-5	Aroclor-1260	130

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK02

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: P1108-BS1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2C2656F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 11/08/00

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKC1

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKC1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2540F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/09/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKC1

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKC1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2540R

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/09/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCH

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCH

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2639F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCH

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCH

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2639R

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCI

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCI

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2652F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCI

ORIGINAL

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCI

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2652R

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCJ

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCJ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2666F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCJ

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCJ

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2666R

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCK

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2675F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKCK

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) WATER Lab Sample ID: PIBLKCK

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E2C2675R

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MS

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2C2660F

% Moisture: 35 Decanted: (Y/N) N Date Received: 11/07/00

Extraction: (Type) SONC Date Extracted: 11/08/00

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	2.6	U
319-85-7	beta-BHC	2.6	U
319-86-8	delta-BHC	2.6	U
58-89-9	gamma-BHC (Lindane)	21	
76-44-8	Heptachlor	27	
309-00-2	Aldrin	33	
1024-57-3	Heptachlor epoxide	7.0	P
959-98-8	Endosulfan I	2.6	U
60-57-1	Dieldrin	39	P
72-55-9	4,4'-DDE	5.1	U
72-20-8	Endrin	40	
33213-65-9	Endosulfan II	5.1	U
72-54-8	4,4'-DDD	5.4	P
1031-07-8	Endosulfan sulfate	5.1	U
50-29-3	4,4'-DDT	52	P
72-43-5	Methoxychlor	26	U
53494-70-5	Endrin ketone	5.1	U
7421-93-4	Endrin aldehyde	5.1	U
5103-71-9	alpha-Chlordane	6.5	P
5103-74-2	gamma-Chlordane	3.1	
8001-35-2	Toxaphene	260	U
12674-11-2	Aroclor-1016	51	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	51	U
12672-29-6	Aroclor-1248	51	U
11097-69-1	Aroclor-1254	51	U
11096-82-5	Aroclor-1260	78	

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

C02Q7MSD

Lab Name: MITKEM CORPORATION Contract: 68W99076

Lab Code: MITKEM Case No.: 28689 SAS No.: _____ SDG No.: C02Q7

Matrix: (soil/water) SOIL Lab Sample ID: 71800003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E2C2661F

% Moisture: 35 Decanted: (Y/N) N Date Received: 11/07/00

Extraction: (Type) SONC Date Extracted: 11/08/00

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	2.6	U
319-85-7	beta-BHC	2.6	U
319-86-8	delta-BHC	2.6	U
58-89-9	gamma-BHC (Lindane)	21	P
76-44-8	Heptachlor	33	
309-00-2	Aldrin	30	P
1024-57-3	Heptachlor epoxide	8.4	P
959-98-8	Endosulfan I	2.6	U
60-57-1	Dieldrin	42	P
72-55-9	4,4'-DDE	5.1	U
72-20-8	Endrin	44	P
33213-65-9	Endosulfan II	5.1	U
72-54-8	4,4'-DDD	18	P
1031-07-8	Endosulfan sulfate	5.1	U
50-29-3	4,4'-DDT	54	P
72-43-5	Methoxychlor	26	U
53494-70-5	Endrin ketone	5.1	U
7421-93-4	Endrin aldehyde	5.1	U
5103-71-9	alpha-Chlordane	5.4	P
5103-74-2	gamma-Chlordane	3.2	
8001-35-2	Toxaphene	260	U
12674-11-2	Aroclor-1016	51	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	51	U
12672-29-6	Aroclor-1248	51	U
11097-69-1	Aroclor-1254	51	U
11096-82-5	Aroclor-1260	280	P