

EPA SAMPLE NO.

RPTB071902 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1111 Matrix: (soil/water) WATER Lab Sample ID: All11-06A Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V4B2496 Level: (low/med) LOW Date Received: 07/20/02 % Moisture: not dec. Date Analyzed: 07/23/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/L COMPOUND Q ון ד 71-43-2----Benzene 108-88-3-----Toluene 1 | U 100-41-4----Ethylbenzene 1 | U 1330-20-7-----Xylene (Total) 1 U

EPA SAMPLE NO.

RPTB072302 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1120 Matrix: (soil/water) WATER Lab Sample ID: A1120-06A Sample wt/vol: Lab File ID: V4B2523 5.000 (q/mL) ML Level: (low/med) LOW Date Received: 07/24/02 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 07/25/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 71-43-2-----Benzene 1 | U 108-88-3-----Toluene 1 0 100-41-4----Ethylbenzene 1 0 1330-20-7-----Xylene (Total) 1 0

EPA SAMPLE NO.

RPTB072502

Lab Name: MITKEM CORPORATION Contract: SAS No.: Lab Code: MITKEM SDG No.: A1132 Case No.: Matrix: (soil/water) WATER Lab Sample ID: A1132-09A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V4B2625 Level: (low/med) LOW Date Received: 07/26/02 % Moisture: not dec. Date Analyzed: 08/01/02 Dilution Factor: 1.0 GC Column: RTX-502.2 ID: 0.53 (mm) Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) CONCENTRATION UNITS:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

1330-20-7Xylene (Total)1 U	71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 1 1	ប ប ប ប
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EPA SAMPLE NO.

RPTB072602

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: All38

Matrix: (soil/water) WATER Lab Sample ID: A1138-04A

Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V4B2643

Level: (low/med) LOW Date Received: 07/29/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/02/02

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

71-43-2-----Benzene 1 U J 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 1 U J 1 U

EPA SAMPLE NO.

TB081402

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1213

Matrix: (soil/water) WATER

Lab Sample ID: A1213-05A

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

Lab File ID: V4B3078

Level: (low/med) LOW

Date Received: 08/15/02

Date Analyzed: 08/27/02

% Moisture: not dec.

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

108-88-3Toluene		1 1 1	บ บ บ
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EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:	TB081502
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.: A1223
Matrix: (soil/water) WATER	Lab S	Sample ID: A1223-05A
Sample wt/vol: 5.000 (g/	'mL) ML Lab F	File ID: V4B3033
Level: (low/med) LOW	Date	Received: 08/16/02
% Moisture: not dec.	Date	Analyzed: 08/23/02
GC Column: RTX-502.2 ID: 0.53	(mm) Dilut	cion Factor: 1.0
Soil Extract Volume:(u	L) Soil	Aliquot Volume:(uL)
CAS NO. COMPOUN	CONCENTRATI (ug/L or ug	
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbe 1330-20-7Xylene	nzene	1 U 1 U 1 U 1 U

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:		TB081602	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG :	No.: A1235	
Matrix: (soil/water)	WATER	Lá	ab Sample ID:	A1235-04A	
Sample wt/vol:	5.000 (g/mL) ML	Lá	ab File ID:	V4B3034	
Level: (low/med)	LOW	Da	ate Received:	08/17/02	
% Moisture: not dec.		Da	ate Analyzed:	08/23/02	
GC Column: RTX-502.2	ID: 0.53 (mm)	D	ilution Facto	r: 1.0	
Soil Extract Volume:	(uL)	Sc	oil Aliquot Vo	olume:(u	ıL)
		CONCENT	RATION UNITS:		

EPA SAMPLE NO.

I ala Manna Marrier (VOI	DODAMITONI	Contract:	RPTB081902	
Lab Name: MITKEM COF	CPORALION	Contract:		.1
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: A1248	
Matrix: (soil/water)	WATER	Lab Sample ID:	: A1248-12A	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V4B3045	
Level: (low/med)	LOW	Date Received:	08/21/02	
% Moisture: not dec.	·	Date Analyzed:	08/23/02	
GC Column: RTX-502.2	P ID: 0.53 (mm)	Dilution Facto	r: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	Volume:	(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		
			1 U 1 U 1 U	

EPA SAMPLE NO.

1222737MS

Lab Name: MITKEM CORPORATION Contract: SAS No.: SDG No.: A1248 Lab Code: MITKEM Case No.: Lab Sample ID: A1248-06BMS Matrix: (soil/water) SOIL Lab File ID: V4B3082 Sample wt/vol: 5.1 (q/mL) G Date Received: 08/21/02 (low/med) Level: Date Analyzed: 08/27/02 % Moisture: not dec. 16 Dilution Factor: 1.0 GC Column: RTX-502.2 ID: 0.53 (mm) Soil Aliquot Volume: (uL) Soil Extract Volume: (mL) CONCENTRATION UNITS: (uq/L or ug/Kg) UG/KG Q CAS NO. COMPOUND

EPA SAMPLE NO.

1222737MS

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-06AMS

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S2C8904

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/24/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG Q
91-20-3 91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9	Naphthalene2-Methylnapht2-MethylnaphtAcenaphthylenAcenaphthenePluorenePhenanthrenePyreneBenzo(a) anthraBenzo(k) fluoraBenzo(a) pyrene	aceneanthene	1700 1700 1600 1700 1800 1800 1700 1800 1600 1600 1600 1600
193-39-5 53-70-3	Benzo(a)pyrene Indeno(1,2,3-c Dibenzo(a,h)ar Benzo(g,h,i)pe	cd) pyrene nthracene	1400 1500 1400

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1248
Matrix: (soil/water) WATER	Lab Sample ID: A1248-06BMS
Sample wt/vol: 5.000 (g/mL) MI	Lab File ID: V6C2471
Level: (low/med) LOW	Date Received: 08/21/02
Moisture: not dec.	Date Analyzed: 08/29/02
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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total	53 54 51 51 160

CONCENTRATION UNITS:

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab	Name:	MITKEM	CORPORATION	Contract:	1222737MS
Lab	Code:	MITKEM	Case No.:	SAS No.:	SDG No.: A1248

Matrix: (soil/water) WATER Lab Sample ID: A1248-06AMS

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0625

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 08/23/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/29/02

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2	Naphthalene2-MethylnaphtAcenaphthylenAcenaphthenePhenanthrenePhenanthreneFluoranthenePyreneBenzo(a)anthrChryseneBenzo(b)fluor	halene le acene anthene anthene	130 130 130 140 140 140 140 140 140 130 130	Q
193-39-5 53-70-3	Benzo(a)pyren Indeno(1,2,3- Dibenzo(a,h)a Benzo(g,h,i)p	cd)pyrene nthracene	130 150 150 150	

## U.S. EPA - CLP

## 5A SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

		OI II		AH FE KECOAFK					
							1222737S		
ab Name:	MITKEM_C	ORPORATION		Contract:					
ab Code:	MITKEM	Case No.:		SAS	No.:		SDG No.:	A12	:48_
[atrix (soil/wa	ter):	SOIL				Level (lo	w/med):	ME	D
Solids for Sa	ımple:	84.0							
	Concentrati	ion Units (ug/L or mg/kg o	lev we	ight)-		M	G/KG		
···	Concentrati	Un Ones (ug/L) or mg/kg c			<sub>1</sub>		<del></del>		
Analyte	Control Limit %R	Spiked Sample Result (SSR)	c	Sample Result (SR)	c	Spike Added (SA)	%R	Q	М
	7610	Troudit (BB11)							<u> </u>
Aluminum_									NI
Antimony				·					NI
Arsenic			_						N N
Barium									N
Beryllium								<del></del>	N
Cadmium									N
Calcium_			-						N
Chromium Cobalt					-		<del></del>		N
Соррег									N
copper Iron	<del>_</del>	<u> </u>							N
Lead									N
Magnesium									[N]
Manganese									N
Метсигу				·					N
Nickel								_	N
Potassium								_	N
Selenium									N
Silver									NI N
Sodium						<del></del> -			N N
Thallium			_						N
Vanadium								-	NI
Zinc	75-125	3.3260		0.2681	U	5.36	62.1	N	CA
Cyanide	1 /3-123	3.3200		0.2001				-^ `-	-∵-

Form V (Part 1) - IN

SW846

### U.S. EPA - CLP

### 5B POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name:	MITKEM CORP	ORATION	Contract:		1222737A	
Lab Code:	MITKEM	Case No.:	 SAS No.:		SDG No.:	A1248_
Matrix (soil/water): SOIL				Level (low	/med):	MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	c	Sample Result (SR)	С	Spike Added (SA)	%R	Q	М
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium		······································							∐NR
Cadmium									∐NR
Calcium									∐NR
Chromium									NR
Cobalt									∐NR
Copper									NR
Iron									NR
Lead									NR
Magnesium								_ [	NR
Manganese									NR
Мегсигу								_ [	NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium								T	NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide		44.41		5.00_	U	40.0	111.0		CA

Comments:				
	 	 <del></del>	<del></del>	<del></del>
<del></del>	 	 .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

EPA SAMPLE NO.

1222737MSD

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-06BMSD

Sample wt/vol:

5.0 (g/mL) G

COMPOUND

Lab File ID: V4B3083

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: not dec. 16

CAS NO.

Date Analyzed: 08/27/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	15 12 14 42	
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EPA SAMPLE NO.

1222737MSD

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-06AMSD

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S2C8905

Date Received: 08/21/02

Level: (low/med) LOW

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

	(43) ~	or ug/Kg)	og, kg	Q
aphthalene_			1700	
-Methylnapht]	halene		1700	
cenaphthylene	e		1600	
cenaphthene			1700	
benzofuran		j	1800	]
uorene 🗀			1900	
enanthrene			1800	
ithracene			1700	
	acene	———i		i
	<u> </u>			
	nthene			
		<del></del>		
		<del></del>		
deno(1,2,3-c)	arene (b			
benzo (a h) ar	thracene_	<del></del>		
		<del></del>	1400	
	cenaphthylend cenaphthene benzofuran uorene nenanthrene nthracene uoranthene rene enzo (a) anthra enzo (b) fluora enzo (a) pyrene deno (1,2,3-o benzo (a,h) ar	Methylnaphthalene cenaphthylene cenaphthene benzofuran uorene enanthrene thracene uoranthene rene enzo(a) anthracene	Methylnaphthalene cenaphthylene cenaphthene cenaphthylene cena	-Methylnaphthalene       1700         cenaphthylene       1600         cenaphthene       1700         chenzofuran       1800         cuorene       1900         cenanthrene       1800         chracene       1700         cuoranthene       1800         chracene       1600         chracene       1600

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

140

1222737MSD Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Matrix: (soil/water) WATER Lab Sample ID: A1248-06BMSD Lab File ID: V6C2472 Sample wt/vol: 5.000 (g/mL) MLLevel: (low/med) LOW Date Received: 08/21/02 % Moisture: not dec. Date Analyzed: 08/29/02 ID: 0.25 (mm) GC Column: DB-624 Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 71-43-2----Benzene 48 108-88-3-----Toluene 49 100-41-4----Ethylbenzene 47

EPA SAMPLE NO.

122273**7MS**D

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Matrix: (soil/water) WATER Lab Sample ID: A1248-06AMSD Sample wt/vol: 300.0 (q/mL) ML Lab File ID: S1D0626 Level: (low/med) LOW Date Received: 08/21/02 decanted: (Y/N)\_ Date Extracted: 08/23/02 % Moisture: Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/29/02 Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO. (ug/L or ug/Kg) UG/L COMPOUND Q 91-20-3-----Naphthalene 130 91-57-6----2-Methylnaphthalene 130 208-96-8-----Acenaphthylene 140 83-32-9-----Acenaphthene 140 132-64-9-----Dibenzofuran 150 86-73-7-----Fluorene 140 85-01-8-----Phenanthrene 150 120-12-7-----Anthracene 150 206-44-0-----Fluoranthene 140 129-00-0-----Pyrene 140 56-55-3-----Benzo (a) anthracene 140 218-01-9-----Chrysene 130 205-99-2----Benzo (b) fluoranthene 130 207-08-9-----Benzo(k) fluoranthene 130 50-32-8-----Benzo (a) pyrene 140 193-39-5-----Indeno (1, 2, 3-cd) pyrene 160 53-70-3-----Dibenzo (a, h) anthracene 150 191-24-2----Benzo(q,h,i)perylene 160

CONCENTRATION UNITS:

# U.S. EPA - CLP

6 DUPLICATES EPA SAMPLE NO.

Lab Name: MITKEM_CORPORATION		Contract:	1222737D				
Lab Code:	MITKEM	Case No.:		SAS No.:		SDG No.:	A1248
Matrix (soil/wate	er):	SOIL			Level (low/	med):	MED
% Solids for San	nple:	84.0	•	% Solids fo	r Duplicate:		84.0

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

MG/KG

Analyte	Control Limit	Sample (S)	С	Duplicate (D)	C	RPD	Q	М
Aluminum								NR
Antimony								NR
Arsenic							}	NR
Barium							$\bot \bot$	NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium	<del></del>							NR
Cobalt								NR
Copper								NR
Iron								NR
Lead								NR
Magnesium							11	NR
Manganese								NR
Mercury								NR
Nickel			_					NR
Potassium								NR
Selenium	<del></del>							NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium				<u></u>				NR
Zinc								NR
Cyanide		0.2681	U	0.2681	U			CA

EPA SAMPLE NO.

RPTB082102

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1254 Matrix: (soil/water) WATER Lab Sample ID: A1254-07A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V4B3046 Level: (low/med) Date Received: 08/22/02 LOW % Moisture: not dec. Date Analyzed: 08/23/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: \_\_\_\_(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

EPA SAMPLE NO.

08D297107MS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-06BMS

Sample wt/vol:

5.1 (g/mL) G

Lab File ID:

V4B3107

Level:

(low/med) LOW

Date Received: 08/26/02

% Moisture: not dec. 20

Date Analyzed: 08/27/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	31 10 12 33	
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EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

08D297107MS

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-06AMS

Sample wt/vol:

Lab File ID:

CONCENTRATION UNITS:

S2C9097

LOW

Level:

(low/med)

Date Received: 08/26/02

% Moisture: 20

decanted: (Y/N) N

30.0 (g/mL) G

Date Extracted: 08/26/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 50-32-8	PhenanthreneAnthraceneFluoranthenePyreneBenzo(a)anthraceChryseneBenzo(b)fluorantBenzo(k)fluorantBenzo(a)pyreneIndeno(1,2,3-cd)	enethene	1700 1800 1600 1700 1800 1900 1700 1600 1600 1700 1800 1700 1400	Q
53-70-3 <b></b>	Dibenzo(a,h)anth Benzo(g,h,i)per	nracene	1600 1400	

EPA SAMPLE NO.

08D297107**M**S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273

Matrix: (soil/water) WATER Lab Sample ID: A1273-06BMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2599

Level: (low/med) LOW Date Received: 08/26/02

% Moisture: not dec. \_\_\_\_ Date Analyzed: 09/02/02

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

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

CONCENTRATION UNITS:

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

 71-43-2-----Benzene
 50

 108-88-3-----Toluene
 50

 100-41-4-----Ethylbenzene
 47

 1330-20-7-----Xylene (Total)
 140

08D297107MS Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273 Matrix: (soil/water) WATER Lab Sample ID: A1273-06AMS Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0737 Level: (low/med) LOW Date Received: 08/26/02 decanted: (Y/N) % Moisture: Date Extracted: 08/27/02 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/02 Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 91-20-3-----Naphthalene 150 91-57-6----2-Methylnaphthalene 150 208-96-8-----Acenaphthylene 160 83-32-9-----Acenaphthene 160 132-64-9-----Dibenzofuran 160 86-73-7-----Fluorene 160 85-01-8-----Phenanthrene 160 120-12-7-----Anthracene 160 206-44-0----Fluoranthene 160 129-00-0-----Pyrene 170 56-55-3-----Benzo(a)anthracene 160

218-01-9-----Chrysene

205-99-2----Benzo (b) fluoranthene

207-08-9-----Benzo(k) fluoranthene

193-39-5-----Indeno(1, 2, 3-cd) pyrene

53-70-3-----Dibenzo(a,h)anthracene

191-24-2----Benzo(g,h,i)perylene

50-32-8----Benzo (a) pyrene

150

180

170

160

110

120

100

## U.S. EPA - CLP

# 5A

EPA SAMPLE NO.

SPIKE SAMPLE RECOVERY								
ab Name: MITKEM CORPORATION Contract:						08D297107S		
MITKEM					SDG No.:	A1273_		
ater):	SOIL				Level (lov	w/med):	MED	
ample:	80.0							
Concentrati	ion Units (ug/L or mg/kg d	lry we	ight):		М	G/KG		
Control Limit %R	Spiked Sample Result (SSR)	С	Sample Result (SR)	С	Spike Added (SA)	%R	Q	М
								NI
l l								N
			. <del></del>					N
				_			_ _	ĮNI
				_				NF
							_ _	NF
·								NF
					<del></del> -		_	NF
		_		_				NF
			<del></del>					NF
		_					_	NF
								NF
			<del></del>					NF
							$\dashv$	NF
								NF
	<u> </u>					<del>- </del>	_	NF
								NF NF
<del> </del>							_	NR
	<del> </del>			-				1
						<del></del>	_	NR NR
								NR
				-			<del></del>	NR
<del></del>	1	1 1						1111
	MITKEM  ater):  Concentrati  Control Limit %R	MITKEM Case No.:  atter): SOIL ample: 80.0  Concentration Units (ug/L or mg/kg do labeled to la	MITKEM Case No.: atter): SOIL ample: 80.0  Concentration Units (ug/L or mg/kg dry we Limit Spiked Sample %R Result (SSR) C	MITKEM Case No.: SAS atter): SOIL ample: 80.0  Concentration Units (ug/L or mg/kg dry weight):  Control Limit %R Result (SSR) C Result (SR)	MITKEM Case No.: SAS No.:  atter): SOIL ample: 80.0  Concentration Units (ug/L or mg/kg dry weight):  Control Limit Spiked Sample Result (SSR) C Result (SR) C	MITKEM Case No.: SAS No.: Level (low ster): SOIL_ Level (low sample: 80.0  Concentration Units (ug/L or mg/kg dry weight): MC  Control Limit Spiked Sample Result (SSR) C Result (SR) C Added (SA)	MITKEM_CORPORATION	MITKEM Case No.: SAS No.: SDG No.: A12  ater): SOIL_ Level (low/med): MEI  ample: 80.0  Concentration Units (ug/L or mg/kg dry weight): MG/KG  Control Limit Spiked Sample Sample Spike Result (SSR) C Result (SR) C Added (SA) %R Q

Form V (Part 1) - IN

SW846

100-41-4-----Ethylbenzene

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

13

35

08D297107MSD Lab Name: MITKEM CORPORATION Contract: SAS No.: Lab Code: MITKEM Case No.: SDG No.: A1273 Matrix: (soil/water) SOIL Lab Sample ID: A1273-06BMSD 5.2 (g/mL) G Lab File ID: V4B3108 Sample wt/vol: Level: (low/med) LOW Date Received: 08/26/02 % Moisture: not dec. 20 Date Analyzed: 08/28/02 Dilution Factor: 1.0 GC Column: RTX-502.2 ID: 0.53 (mm) Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (mL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG CAS NO. COMPOUND Q 71-43-2----Benzene 42 108-88-3-----Toluene 11

EPA SAMPLE NO.

08D297107MSD

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-06AMSD

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: S2C9098

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION INTES.

GPC Cleanup: (Y/N) N pH: \_\_\_

Lab Name: MITKEM CORPORATION

CAS NO.

EPA SAMPLE NO.

08D297107MSD

Q

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273

Matrix: (soil/water) WATER Lab Sample ID: A1273-06BMSD

Contract:

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2600

Level: (low/med) LOW Date Received: 08/26/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 09/03/02

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

COMPOUND

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

71-43-2-----Benzene 43
108-88-3-----Toluene 44
100-41-4-----Ethylbenzene 41
1330-20-7-----Xylene (Total) 130

08D297107MSD Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273 Matrix: (soil/water) WATER Lab Sample ID: A1273-06AMSD Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0739 Date Received: 08/26/02 Level: (low/med) LOW % Moisture: decanted: (Y/N)\_\_\_\_ Date Extracted: 08/27/02 Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/04/02 Injection Volume: 1.0(uL) Dilution Factor: 1.0 GPC Cleanup: (Y/N) N pH: CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

91-20-3Naphthalene	140
91-57-62-Methylnaphthalene	150
208-96-8Acenaphthylene	150
83-32-9Acenaphthene	150
132-64-9Dibenzofuran	160
86-73-7Fluorene	150
85-01-8Phenanthrene	150
120-12-7Anthracene	150
206-44-0Fluoranthene	150
L29-00-0Pyrene	160
56-55-3Benzo(a) anthracene	150
218-01-9Chrysene	150
205-99-2Benzo(b) fluoranthene	160
207-08-9Benzo(k) fluoranthene	170
50-32-8Benzo(a)pyrene	150
193-39-5Indeno(1,2,3-cd)pyrene	110
53-70-3Dibenzo(a,h)anthracene	110
191-24-2Benzo(g,h,i)perylene	100

6 DUPLICATES EPA SAMPLE NO.


08D297107D

Lab Name:	MITKEM_COR	PORATION	 Contract:				
Lab Code:	MITKEM	Case No.:	 5	SAS No.:		SDG No.:	A 1273
Matrix (soil/wa	ater):	SOIL			Level (low/	med):	MED
% Solids for S	ample:	80.0		% Solids for	r Duplicate:		80.0

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

MG/KG

Analyte	Control Limit	Sample (S)	С	Duplicate (D)	С	RPD	Q	М
Aluminum								NR
Antimony	· · · · · · · · · · · · · · · · · · ·					<del> </del>	}}-	NR
Arsenic							<del>                                     </del>	NR
Barium							<del>   </del>	_NR
Beryllium							<del>    -   -</del>	_NR
Cadmium							<del>     </del>	NR
Calcium								_NR
Chromium					_			_NR
Cobalt							<del>  ]</del>	_NR
Copper							<del>                                     </del>	NR
Iron								_NR
Lead							<del>   </del>	_NR
Magnesium						<u></u>		_NR
Manganese								_NR
Mercury							-	NR
Nickel								NR.
Potassium							<u> </u>	_NR
Selenium							ļ	_NR
Silver							4	NR
Sodium							<u> </u>	_NR
Thallium								_NR
Vanadium							<u> </u>	NR.
Zinc						<u></u>	<u> </u>	_NR
Cyanide		0.2867	U	0.2867	U,			_CA.

EPA SAMPLE NO.

TB082302 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273 Lab Sample ID: A1273-11A Matrix: (soil/water) WATER Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V4B3112 Level: (low/med) LOW Date Received: 08/26/02 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/28/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 71-43-2----Benzene 1 0 108-88-3----Toluene 1 U 100-41-4----Ethylbenzene 1330-20-7-----Xylene (Total) 1 0

EPA SAMPLE NO.

Lab Name: MITKEM CORI	PORATION	Contract:	F B0828021	
Lab Code: MITKEM (	Case No.:	SAS No.: SDG	No.: A1297	
Matrix: (soil/water)	WATER	Lab Sample ID:	A1297-04A	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V4B3l61	
Level: (low/med)	LOW	Date Received:	08/29/02	
% Moisture: not dec.		Date Analyzed:	08/30/02	
GC Column: RTX-502.2	ID: 0.53 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	olume:	(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		
			1 U U U U U U U U U U U U U U U U U U U	

EPA SAMPLE NO.

FB0828021

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1297

Matrix: (soil/water) WATER

Lab Sample ID: A1297-04B

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

Lab File ID: S1D0722

Level: (low/med) LOW

Date Received: 08/29/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/30/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/03/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q 
91-57-6	Naphthalene 2-Methylnaphthale Acenaphthylene	ene	10 10 10	U U
83-32-9 132-64-9 86-73-7	Acenaphthene Dibenzofuran Fluorene		10 10 10	U U
120-12-7 206-44-0	Phenanthrene Anthracene Fluoranthene		10 10 10	ប ប
218-01-9	Benzo(a)anthracer Chrysene		10 10 10 10	บ บ
207-08-9	Benzo(b) fluoranti Benzo(k) fluoranti Benzo(a) pyrene	nene	10 10 10 10	บ บ
53-70-3	Indeno(1,2,3-cd)p Dibenzo(a,h)anth Benzo(g,h,i)pery	racene	10 10 10	U
1				

## U.S. EPA - CLP

#### I INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Name:	MITKEM_C	MITKEM_CORPORATION Contract:						
Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1297	
trix (soil/w	ater):	WATER_		L	ab Samp	ole ID:	A1297-04C	
vel (low/me	:d):	MED		Γ	ate Rec	eived:	08/29/02	
Solids:								
	Concentration	Units (ug/L or mg	/kg dry weight):				UG/L	
	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Aluminum				NR		
	_7440-36-0	Antimony				NR		
	_7440-38-2					NR		
	_7440-39-3	Barium				NR		
	_7440-41-7	Beryllium				_NR		
	_7440-43-9	Cadmium				NR		
	7440-70-2	Calcium	<del></del>			NR		
	_7440-47-3	Chromium				NR NR		
	_7440-48-4	Cobalt				NR		
	7440-50-8	Copper				NR		
	_7439-89-6 _7439-92-1	Iron Lead				NR		
	7439-92-1	Magnesium_		_		NR		
	7439-96-5	Manganese				NR		
	7439-90-5	Mercury			······································	NR		
	_7440-02-0	Nickel				NR		
	_7440-02-0	Potassium				NR		
	7782-49-2	Selenium				NR		
	7440-22-4	Silver				NR		
	7440-23-5	Sodium				NR		
	7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium				NR		
	_7440-66-6	Zinc				_NR		
		Cyanide	5.0	U	· · · · · ·	CA		
	L					_!		
or Before:			Clarity Before:	<del></del>			Texture:	
lor After:			Clarity After:				Artifacts:	
mments:								

SW846

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:	TB0828	021
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.: A129	7
Matrix: (soil/water) WATER	Lab S	Sample ID: <b>A</b> 1297-05	A
Sample wt/vol: 5.000 (g	/mL) ML Lab I	File ID: V4B3169	
Level: (low/med) LOW	Date	Received: 08/29/02	
Moisture: not dec.	Date	Analyzed: 08/30/02	
GC Column: RTX-502.2 ID: 0.53	(mm) Dilut	tion Factor: 1.0	
Soil Extract Volume:(	uL) Soil	Aliquot Volume:	(uL)
CAS NO. COMPOU	CONCENTRATI		
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbe 1330-20-7Xylene	enzene	1 U 1 U 1 U 1 U	

COMPOUND

CAS NO.

EPA SAMPLE NO.

TB0829021

0

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1311 Lab Sample ID: A1311-05A Matrix: (soil/water) WATER Lab File ID: Sample wt/vol: 5.000 (q/mL) ML V4B3207 Date Received: 08/31/02 Level: (low/med) LOW Date Analyzed: 09/04/02 % Moisture: not dec. GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: (uq/L or uq/Kq) UG/L

1 | U 71-43-2----Benzene 108-88-3-----Toluene 1 U 100-41-4-----Ethylbenzene 1 U 1330-20-7-----Xylene (Total) 1 | U

FORM I VOA

EPA SAMPLE NO.

02D297107MS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: Al311-03BMS

Sample wt/vol:

5.0 (q/mL) G

COMPOUND

Lab File ID:

V4B3382

Level: (low/med) LOW

CAS NO.

Date Received: 08/31/02

% Moisture: not dec. 19

Date Analyzed: 09/12/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

EPA SAMPLE NO.

02D297107MS

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-03AMS

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S1D0977

Level: (low/med) LOW

Date Received: 08/31/02

% Moisture: 19 decanted: (Y/N) N Date Extracted:09/03/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/19/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/K	g) UG/KG	Q
91-57-6	Naphthalene	halene	1100 1200	
83-32-9 132-64-9	Acenaphthylen Acenaphthene Dibenzofuran	e	1200 1200 1300	
85-01-8	Fluorene Phenanthrene Anthracene		1300 1400 1300	
206-44-0 129-00-0	Fluoranthene	acono.	1400 1300	
218-01-9 205-99-2	Chrysene Benzo(b)fluora	anthene	1400 1300 1300	
50-32-8	Benzo(k)fluora Benzo(a)pyrena Indeno(1,2,3-a	9	1400 1300 1200	
53-70-3	Benzo(g,h,i)pe	thracene	1300 1200	
	· · · · · · · · · · · · · · · · · · ·			

02D297107MS

Lab Sample ID: A1311-03BMS

CONCENTRATION UNITS:

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1311

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C9350

Level: (low/med) LOW Date Received: 08/31/02

% Moisture: decanted: (Y/N) Date Extracted: 09/05/02

Date Analyzed: 09/16/02 Concentrated Extract Volume: 1000(uL)

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Matrix: (soil/water) WATER

CAS NO. (ug/L or ug/Kg) UG/L COMPOUND Q 91-20-3----Naphthalene 150 91-57-6----2-Methylnaphthalene 160 208-96-8-----Acenaphthylene 140 83-32-9-----Acenaphthene 150 132-64-9-----Dibenzofuran 170 86-73-7----Fluorene 160 85-01-8-----Phenanthrene 160 120-12-7-----Anthracene 160 206-44-0----Fluoranthene 160 129-00-0-----Pyrene 160 56-55-3----Benzo(a)anthracene 160 218-01-9-----Chrysene 170 205-99-2-----Benzo (b) fluoranthene 150 207-08-9----Benzo(k)fluoranthene 160 50-32-8-----Benzo (a) pyrene 150 193-39-5-----Indeno(1, 2, 3-cd)pyrene 150 53-70-3-----Dibenzo (a,h) anthracene 150 191-24-2-----Benzo(g,h,i)perylene 140

### U.S. EPA - CLP

### 5A SPIKE SAMPLE RECOVERY

<b>EPA</b>	SA	MPI	$\mathbf{E}$	NO.
$\mathbf{L}_{\mathbf{L}}$	$\sim$			,,,,,,,

ab Name:	міткем с	ORPORATION		Contract: _			02D297107S	} 	
ab Code:	MITKEM	Case No.:			No.:		SDG No.:	A13	11_
Matrix (soil/wa	ater):	SOIL				Level (lo	w/med):	ME	D_
% Solids for Sa	ample:	81.0							
	Concentrati	ion Units (ug/L or mg/kg d	iry we	ight):		М	G/KG		
Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	С	Spike Added (SA)	%R	Q	М
Aluminum									NF
									NF
Arsenic	:								NF
Rarium									NF
Beryllium		· · ·							NF
Cadmium									NF
Calcium									NF
									NF
									NF
Copper									NF
					_				NF
Lead		ľ							NF
									NF
									NF
									NF
									NF
Potassium			_					_	N
Selenium									NF
									NF
Sodium									NF
Thallium									NR
Vanadium		<u> </u>							NR
	i		$\dashv \dashv$						NR
Zinc	75-125	4.3742	1 1	0.2707	U	5.41	80.9		CA

Form V (Part 1) - IN

SW846

EPA SAMPLE NO.

02D297107MSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No :

SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

CAS NO.

Lab Sample ID: Al311-03BMSD

Sample wt/vol:

Lab File ID: V4B3383

5.0 (g/mL) G

Level: (low/med)

LOW

COMPOUND

Date Received: 08/31/02

% Moisture: not dec. 19

Date Analyzed: 09/12/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

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

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

Q

71-43-2Benzene	15
108-88-3Toluene	13
100-41-4Ethylbenzene	14
1330-20-7Xylene (Total)	43

FORM I VOA

EPA SAMPLE NO.

02D297107MSD

Lab Name: MITKEM CORPORATION

Contract:

CONCENTRATION UNITS:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

30.1 (g/mL) G

Lab File ID: S1D0978

Lab Sample ID: Al311-03AMSD

Sample wt/vol:

Level: (low/med) LOW

Date Received: 08/31/02

% Moisture: 19

decanted: (Y/N) N

Date Extracted: 09/03/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/19/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5 191-24-2

02D297107MSD

Lab Name: MITKEM CORPORATION Contract:

SDG No.: A1311

Matrix: (soil/water) WATER

Lab Sample ID: A1311-03EMSD

Sample wt/vol: 300.0 (g/mL) ML

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

Lab File ID: S2C9351

Level: (low/med) LOW

Date Received: 08/31/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted:09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/16/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND (u	g/L or ug/Kg) UG/I	, Q
91-57-6 208-96-8	Naphthalene 2-Methylnaphthalene Acenaphthylene		140 160 150
132-64-9 86-73-7	AcenaphtheneDibenzofuranFluorene		150 170 160
120-12-7	PhenanthreneAnthraceneFluoranthene		160 160 170 160
56-55-3 218-01-9 205-99-2	Benzo (a) anthracene Chrysene Benzo (b) fluoranthene	9	170 170 160
207-08-9 50-32-8 193-39-5	Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyre	eene	170   160   150
	Dibenzo(a,h)anthrace		160

### U.S. EPA - CLP

### 6 DUPLICATES

EPA SAMPLE NO.

02D297107D	

Lab	Name:	
Lau	ramic.	

MITKEM\_CORPORATION\_\_\_\_\_

Contract:

---

Lab Code:

MITKEM

Case No.:

SAS No.:

SDG No.:

A1311\_\_\_\_

Matrix (soil/water):

SOIL\_\_\_

Level (low/med):

MED\_\_\_\_

% Solids for Sample:

81.0\_\_\_\_

% Solids for Duplicate:

81.0\_\_\_\_\_

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

MG/KG

Analyte	Control Limit	Sample (S)	$\mathbf{c}$	Duplicate (D)	С	RPD	Q	М
Aluminum								NR
Antimony							<del></del>	NR
Arsenic								_NR
Barium							-	NR
Beryllium							<del>- </del> -	_NR
Cadmium							-}-}	_NR
Calcium							<del>   </del>	_NR
Chromium							<del>                                     </del>	_NR
Cobalt								_NR
Copper							<del>-</del>	_NR
Iron				<u> </u>			<del>                                     </del>	LNR
Lead							- -	_NR
Magnesium						<del></del>	1-1	_NR
Manganese							ļ	_NR
Mercury							<del>                                     </del>	_NR
Nickel							<b>↓</b> ↓	_NR
Potassium					_ _	<del></del>	<del>                                     </del>	_NR
Selenium								_NR
Silver							-	.NR
Sodium		<u> </u>					<del>    </del>	_NR
Thallium								NR
Vanadium							.li	_NR
Zinc								_NR
Cyanide		0.2707	U	0.2707	U			CA

EPA SAMPLE NO.

RPTB102402 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1566 Matrix: (soil/water) WATER Lab Sample ID: A1566-03A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V3A6803 Level: (low/med) LOW Date Received: 10/26/02 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 10/29/02 Dilution Factor: 1.0 GC Column: RTX-502.2 ID: 0.53 (mm) Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 71-43-2----Benzene 1 | U 108-88-3-----Toluene 1 | U 100-41-4-----Ethylbenzene 1330-20-7-----Xylene (Total) 1 ] U 1 | U

EPA SAMPLE NO.

RPIB092502

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1409

Matrix: (soil/water) WATER

Lab Sample ID: A1409-07A

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V3A6750

Level: (low/med)

LOW

Date Received: 09/26/02

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

Date Analyzed: 10/05/02

GC Column: RTX-502.2 ID: 0.53 (mm)

CAS NO.

Dilution Factor: 1.0

Soil Extract Volume: (uL)

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L COMPOUND

0

71-43-2----Benzene 1 | 0 108-88-3-----Toluene ז ט 1 U 100-41-4-----Ethylbenzene 1330-20-7-----Xylene (Total)

# Subsurface Soil Validated Form I Analytical Data

EPA SAMPLE NO.

02D21923 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No .: SAS No.: SDG No.: A1311 Matrix: (soil/water) SOIL Lab Sample ID: A1311-01B Sample wt/vol: 5.0 (g/mL) G Lab File ID: V4B3228 Level: (low/med) Date Received: 08/31/02 LOW % Moisture: not dec. 22 Date Analyzed: 09/05/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/KG COMPOUND Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	37 2 57 21	
--	---------------------	--

02D21923

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-01A

Sample wt/vol:

Lab File ID:

S1D0980

LOW

Date Received: 08/31/02

Level:

(low/med)

decanted: (Y/N) N

Date Extracted: 09/03/02

% Moisture: 22

Concentrated Extract Volume: 1000 (uL)

30.2 (q/mL) G

Date Analyzed: 09/19/02

Injection Volume:

1.0(uL)

53-70-3-----Dibenzo(a,h)anthracene

191-24-2----Benzo(g,h,i)perylene

132-64-9-----Dibenzofuran

CONCENTRATION UNITS:

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

рH: \_\_\_

	CAS NO.	COMPOUND	(ug/L or ug/	'Kg) UG/I	Œ	Q
	91-20-3 91-57-6 208-96-8	2-Methylnaphti			340 73 300	
i	83-32-9				3500	

86-73-7-----Fluorene 1600 85-01-8-----Phenanthrene 4900 120-12-7-----Anthracene 1800 206-44-0----Fluoranthene 2100 129-00-0-----Pyrene 3600 56-55-3-----Benzo (a) anthracene 800 218-01-9-----Chrysene 690 205-99-2-----Benzo (b) fluoranthene  $320|\overline{J}$ 207-08-9-----Benzo(k) fluoranthene 50-32-8-----Benzo (a) pyrene 193-39-5-----Indeno(1, 2, 3-cd)pyrene

140 万

EPA SAMPLE NO.

02D21923 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1311 Matrix: (soil/water) WATER Lab Sample ID: A1311-01B Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2854 Level: (low/med) LOW Date Received: 08/31/02 % Moisture: not dec. Date Analyzed: 09/12/02 GC Column: DB-624 Dilution Factor: 1.0 ID: 0.25 (mm)

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

CONCENTRATION UNITS:

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

71-43-2-----Benzene 6 U
108-88-3-----Toluene 1 U
100-41-4-----Ethylbenzene 64
1330-20-7-----Xylene (Total) 28

33 U

33 U 33 U 33 U

33 U

OLITE VOIENT EITH CROSSINE CONTROL FACELLY	EGED DEIN ORMAL
Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1311
Matrix: (soil/water) WATER	Lab Sample ID: A1311-015
Sample wt/vol: 300.0 (g/mL) ML	Lab File ID: S2C9348
Level: (low/med) LOW	Date Received: 08/31/02
% Moisture: decanted: (Y/N)_	Date Extracted:09/05/02
Concentrated Extract Volume: 1000(	uL) Date Analyzed: 09/16/02
Injection Volume: 1.0(uL)	Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH:	
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
91-20-3Naphthalene 91-57-62-Methylnaphth 208-96-8Acenaphthylene 83-32-9Dibenzofuran 86-73-7Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0	33 U 77 33 U 33 U 33 U 33 U 33 U 33 U 33

207-08-9-----Benzo(k) fluoranthene

191-24-2----Benzo(g,h,i)perylene\_

50-32-8------Benzo(a) pyrene 193-39-5------Indeno(1,2,3-cd) pyrene 53-70-3------Dibenzo(a,h) anthracene

### U.S. EPA - CLP

### I INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

_ab Name:	MITKEM_C	ORPORATION	Contr	act:			02D219	23
ab Code:	MITKEM	Case No.:	S	SAS No.:			SDG No.:	A1311
Matrix (soil/wa	ater):	SOIL		L	ab Samp	le ID:	A1311-01	A
.evel (low/me	d):	MED		Ε	ate Rece	ived:	08/31/02_	<del></del>
% Solids:		78.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Aluminum				NR		
:	7440-36-0					NR		
	7440-38-2	Arsenic				NR		
	7440-39-3	Barium				_NR		
	7440-41-7					NR		
	7440-43-9	1 -				NR		
	7440-70-2					_NR		
	7440-47-3					NR		
	_7440-48-4					NR		
	_7440-50-8					NR		
	7439-89-6					_NR		
;	_7439-92-1					NR		
	_7439-95-4					_NR		
	7439-96-5					_NR		
	_7439-97-6				· · · · · · · · · · · · · · · · · · ·	_NR		
	_7440-02-0	i				_NR		
	_7440-09-7	Potassium				NR		
	_7782-49-2	Selenium				_NR		
	_7440-22-4	Silver				_ NR		
	_7440-23-5	Sodium				_NR		
	_7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium		-		_NR		
	_7440-66-6	Zinc				NR		
		Cyanide		U		_ CA		
	L					<del></del>		
olor Before:			Clarity Before:	*			Texture:	
olor After:			Clarity After:	<del></del>	<del> </del>		Artifacts:	
emments:								

SW846

EPA SAMPLE NO.

XX0829021 RPHNOZOZ 1923 (DUP

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-04B

Sample wt/vol:

2.5 (g/mL) G

Lab File ID: V4B3218

Level: (low/med) LOW

Date Received: 08/31/02

% Moisture: not dec. 19

Date Analyzed: 09/04/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

0

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	58 2 75 21	<del>U</del>

EPA SAMPLE NO.

Contract:

XX0829021RPMWOZDZ 1923(DUP)

Lab Name: MITKEM CORPORATION

Case No.:

LOW

SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-04A

Sample wt/vol:

Lab Code: MITKEM

Lab File ID: S1D0979

Level:

(low/med)

30.4 (g/mL) G

Date Received: 08/31/02

% Moisture: 19

Concentrated Extract Volume:

decanted: (Y/N) N

1000(uL)

Date Extracted: 09/03/02

Date Analyzed: 09/19/02

Injection Volume: 1.0(uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N) N

pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/kG	Q
91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 20-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 53-70-3	Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthr	thalene 160 te 72 360 160 94 330 510 540 890 acene 250 anthene 1206 anthene 516 cd) pyrene 336 nthracene 1606	

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-04ARE

Sample wt/vol:

30.9 (g/mL) G

Lab File ID:

S2C9385

Level: (low/med) LOW

Date Received: 08/31/02

decanted: (Y/N) N

Date Extracted:09/18/02

% Moisture: 19

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/19/02

Injection Volume: 1.0(uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N) N

рH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg)	JNITS: UG/KG	Q
91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 193-39-5	Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthrace	enethenehracene	790 1600 1400 15000 470 6000 20000 6800 5300 9400 2300 2100 510 960 1400 310 1600 340	DD

RPA SAMPLE NO.

**火**×0829021

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1311

Matrix: (soil/water) WATER

Lab Sample ID: A1311-04B

Sample wt/vol:

5.000 (q/mL) ML

Lab File ID: V6C2747

Level: (low/med) LOW

Date Received: 08/31/02

% Moisture: not dec.

Date Analyzed: 09/07/02

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

CAS NO.

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

COMPOUND

(ug/L or ug/Kg) UG/L

Q

108-88-3Toluene 1 U 100-41-4Ethylbenzene 2 1330-20-7Xylene (Total) U	100-41-4Ethylbenzene	1 1 2 1 U
--	----------------------	-----------------------

Date Received: 08/31/02

CONCENTRATION UNITS:

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1311 Matrix: (soil/water) WATER Lab Sample ID: A1311-04B Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C9352

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 09/05/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/16/02

Injection Volume: Dilution Factor: 1.0 1.0(uL)

GPC Cleanup: (Y/N) N pH:

LOW

(low/med)

Level:

CAS NO.	COMPOUND		r ug/Kg)		Q
	Naphthalene			18	
	2-Methylnapht			33	U
	Acenaphthylen			33	U
83-32-9	Acenaphthene			72	J
132-64-9	Dibenzofuran			33	Ū
86-73-7	Fluorene			14	J
85-01-8	Phenanthrene			20	J
120-12-7	Anthracene			7	J
206-44-0	Fluoranthene			5	J
129-00-0	·Pyrene			8	J
56-55-3	Benzo (a) anthr	acene	<del></del> -!	33	U
218-01-9	Chrysene			33	ប
205-99-2	Benzo (b) fluor	anthene	i	33	Ū
207-08-9	Benzo(k)fluor	anthene		33	U
50-32-8	Benzo (a) pyren	e	<del></del>	33	υ
193-39-5	Indeno(1,2,3-	c <del>d) pyrene</del>		33	U
53-70-3	Dibenzo (a, h) a	nthracene		33	
191-24-2	Benzo(g,h,i)p	erylene		33	

### U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

		INO	RGANIC ANALYSI	S DATA	SHEET		EFA SAI	WIFLE NO.
Lab Name:	MITKEM_C	ORPORATION	Cont	ract:			XX0829 RPMWOZD	0021 2 1923 (DUP)
Lab Code:	MITKEM	Case No.:		SAS No	o.:		SDG No.:	A1311
Matrix (soil/w	vater):	SOIL			Lab Samp	le ID:	A1311-	04A
Level (low/mo	ed):	MED			Date Rece	ived:	08/31/02	2
% Solids:		81.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum_				NR		
	7440-36-0	r				NR		
	7440-38-2	Arsenic				NR		
	7440-39-3					NR		
	_7440-41-7	Beryllium				NR		
	_7440-43-9	Cadmium				NR		
	_7440-70-2	Calcium				NR		
	_7440-47-3	Chromium				NR		
	_7440-48-4	Cobalt				NR		
	_7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
•	_7439-92-1		,			_NR		
	_7439-95-4	Magnesium				NR		
	_7439-96-5	1 =		r		NR		
	_7439-97-6				<u> </u>	NR		
	7440-02-0					_NR		
	_7440-09-7					NR		
	_7782-49-2	Selenium	•		:	_NR		
	7440-22-4	Silver				_NR		
	_7440-23-5	Sodium				NR		
	7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium				NR		
	_7440-66-6	Zinc		T.1		NR		
		Cyanide	0.29	U_		CA		
Color Before:		,	Clarity Before:				Texture:	
loidi beidie:	e e mane aldernal factor	der 200 to 100 de 100 annie.	Clarity Deloie.	_			Jealuie.	
Color After:		(	Clarity After:				Artifacts:	
omments:								

FORM I - IN

SW846

BPA SAMPLE NO.

02D26266

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-02B

Sample wt/vol:

5.3 (q/mL) G

Lab File ID: V4B3229

Level:

(low/med) MED Date Received: 08/31/02

% Moisture: not dec. 17

Date Analyzed: 09/05/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 2.0

Soil Extract Volume:

CAS NO.

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene	110 110	
100-41-4Ethylbenzene 1330-20-7Xylene (Total)	11000 2800	

02D26266

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: Al311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-02A

Sample wt/vol:

30.2 (q/mL) G

Lab File ID:

S1D0981

Level:

(low/med)

Date Received: 08/31/02

LOW

COMPOUND

decanted: (Y/N) N

Date Extracted: 09/03/02

% Moisture: 17

Concentrated Extract Volume:

1000(uL)

Date Analyzed: 09/19/02

Injection Volume:

CAS NO.

1.0(uL)

Dilution Factor: 80.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

Q

	<del></del>
91-20-3Naphthalene	260000
91-57-62-Methylnaphthalene	80000
208-96-8Acenaphthylene	280000
83-32-9Acenaphthene	36000
132-64-9Dibenzofuran	14000 J
86-73-7Fluorene	180000
85-01-8Phenanthrene	500000
120-12-7Anthracene	130000
206-44-0Fluoranthene	140000
129-00-0Pyrene	220000
56-55-3Benzo (a) anthracene	70000
218-01-9Chrysene	64000
205-99-2Benzo (b) fluoranthene	41000
207-08-9Benzo(k) fluoranthene	19000 J
50-32-8Benzo (a) pyrene	55000
193-39-5Indeno(1,2,3-cd)pyrene	$14000   \bar{J}$
53-70-3Dibenzo (a, h) anthracene	32000 U
191-24-2Benzo (g, h, i) perylene	14000 J

EPA SAMPLE NO.

Tab Nai	me: MITKEM COR	POPATTON	Contract:		02	D26266	
144	iic. marida con	COMITON	concrace.	1.	<del></del>		l
Lab Co	de: MITKEM	Case No.:	SAS No.:	SDG :	No.:	A1311	
Matrix	: (soil/water)	WATER	Lab Sa	mple ID:	A131	1-02B	
Sample	wt/vol:	5.000 (g/mL) ML	Lab Fi	le ID:	V6C2	855	
Level:	(low/med)	LOW	Date R	eceived:	08/3	1/02	
% Moist	ture: not dec.	· · · · · · · · · · · · · · · · · · ·	Date A	nalyzed:	09/1	2/02	
GC Colu	umn: DB-624	ID: 0.25 (mm)	Diluti	on Factor	r: 1.	0	
Soil E	ctract Volume:	(uL)	Soil A	liquot Vo	olume	:	(uL)
	CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/			Q	
					1 1 89 44	ע	

02D26266

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al311

Matrix: (soil/water) WATER Lab Sample ID: A1311-02B

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C9359

Level: (low/med) LOW Date Received: 08/31/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/17/02

Injection Volume: 1.0(uL) Dilution Factor: 8.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/kg) UG/L Q

91-20-3Naphthalene	3500	
91-57-62-Methylnaphthalene	260	J
208-96-8Acenaphthylene	1600	
83-32-9Acenaphthene	95	J
132-64-9Dibenzofuran	32	J
86-73-7Fluorene	380	
85-01-8Phenanthrene	680	
120-12-7Anthracene	110	J
206-44-0Fluoranthene	110	J
129-00-0Pyrene	170	J
56-55-3Benzo(a)anthracene	54	J
218-01-9Chrysene	53	J
205-99-2Benzo (b) fluoranthene	270	υ
207-08-9Benzo (k) fluoranthene	270	U
50-32-8Benzo (a) pyrene	38	J
193-39-5Indeno(1,2,3-cd)pyrene	270	U
53-70-3Dibenzo (a, h) anthracene	270	U
191-24-2Benzo(g,h,i)perylene	270	σ

### U.S. EPA - CLP

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	MITKEM_CO	MITKEM_CORPORATION Contract:					02D26266	
Lab Code:	MITKEM	Case No.:	<del></del>	SAS No.:	<del></del>		SDG No.:	A1311
Matrix (soil/water):		SOIL		L	ab Samp	ole ID:	A1311-0	2A
evel (low/med):		MED	Date Received:		08/31/02			
% Solids:		83.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
İ	CAS No.	Analyte	Concentration	С	Q	М		
		Aluminum				NR		
			I			NR		
	7440-36-0 7440-38-2	Antimony Arsenic		<del>-    </del>		NR		
	7440-38-2 _7440-39-3			<del></del>	<u>-</u> .	NR		
	7440-39-3 _7440-41-7	T				NR		
		Cadmium	•			NR		
	_7440-70-2	Cadimum	1			NR		
	_7440-47-3	Chromium	1			NR		
	_7440-48-4	Cobalt	1		, ,	NR		
ļ	7440-50-8					NR		
	_7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR]		
	7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese				NR		
ļ	_7439-97-6	Mercury				NR		
ļ	7440-02-0	Nickel				NR		
	_7440-09-7	Potassium				NR		
ļ	_7782-49-2					NR		
,	_7440-22-4			_ _		_NR		
	7440-23-5					NR		
	7440-28-0					NR		
ļ	_7440-62-2	Vanadium				NR		
ļ	_7440-66-6	Zinc				_NR		
		Cyanide	0.30	U_		CA		
'	L		<u> </u>	<u> </u>				
Color Before:			Clarity Before:	<del></del>	<del></del>		Texture:	
olor After:		(	Clarity After:	<del></del>			Artifacts:	
Comments:								

FORM I - IN

SW846

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

3

02D297107 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1311 Matrix: (soil/water) SOIL Lab Sample ID: A1311-03B Sample wt/vol: 5.0 (q/mL) GLab File ID: V4B3219 Level: (low/med) Date Received: 08/31/02 LOW % Moisture: not dec. 19 Date Analyzed: 09/04/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_ (uL) Soil Extract Volume: (mL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG CAS NO. COMPOUND 0 71-43-2----Benzene 1 U 108-88-3-----Toluene 1 U 2 100-41-4-----Ethylbenzene

02D297107

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: A1311

Matrix: (soil/water) SOIL

Lab Sample ID: A1311-03A

Sample wt/vol:

Lab Code: MITKEM

30.1 (g/mL) G

Lab File ID: S1D0976

Level: (low/med) LOW

% Moisture: 19

Date Received: 08/31/02

decanted: (Y/N) N

Date Extracted: 09/03/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/19/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND		or ug/Kg)		Q
	Naphthalene			410	U
	2-Methylnapht			410	U
	Acenaphthylen			410	U
83-32-9	Acenaphthene_			410	ı <b>-</b>
	Dibenzofuran_			410	U
	Fluorene			410	U
	Phenanthrene		i	100	J
	Anthracene			410	U
	Fluoranthene			410	U
129-00-0	Pyrene			54	J
<b>56-</b> 55-3	Benzo(a) anthr	acene		410	U
218-01-9	Chrysene			410	U
	Benzo(b)fluor			410	U
	Benzo(k) fluor			410	_
50-32-8	Benzo(a)pyren	e		410	
	Indeno(1,2,3-			410	
	Dibenzo (a,h) a			410	_
191-24-2	Benzo(g,h,i)p	erylene		410	<b>U</b>

RPA SAMPLE NO.

02D297107

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1311 Lab Sample ID: A1311-03B Matrix: (soil/water) WATER Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2746 Level: (low/med) LOW Date Received: 08/31/02 Date Analyzed: 09/07/02 % Moisture: not dec. ID: 0.25 (mm) Dilution Factor: 1.0 GC Column: DB-624 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/L COMPOUND 0

71-43-2----Benzene 1 | U 108-88-3----Toluene 1 | U 100-41-4----Ethylbenzene 1 U 1330-20-7-----Xylene (Total) 1 0

02D297107

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1311

Matrix: (soil/water) WATER Lab Sample ID: A1311-03B

Lab File ID: S2C9349 Sample wt/vol: 300.0 (g/mL) ML

Level: (low/med) LOW Date Received: 08/31/02

% Moisture: \_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/16/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

91-20-3	Naphthalene	33	111
	2-Methylnaphthalene		Ū
208-96-8	Acenaphthylene	33	שׁ
83-32-9	Acenaphthene	33	ט
132-64-9	Dibenzofuran	33	U
86-73-7	Fluorene_	33	ט
85-01-8	Phenanthrene	33	ט
120-12-7	Anthracene	33	ט
206-44-0	Fluoranthene	33	ט
129-00-0	Pyrene	33	U
56 <b>-</b> 55-3 <b>-</b>	Benzo (a) anthracene	33	U
218-01-9		33	ט
	Benzo (b) fluoranthene	33	U
207-08 <b>-</b> 9	Benzo(k)fluoranthene	33	ַ ט
	Benzo (a) pyrene	33	U
	Indeno(1,2,3-cd)pyrene	33	Ū
	Dibenzo(a,h)anthracene	33	ប
191-24-2	Benzo(g,h,i)perylene	33	U
<b>H</b>			

# 1

		INO	INORGANIC ANALYSIS DATA SHEET				EPA SAMPLE NO.	
							02D29	7107
ab Name:	MITKEM_C	ORPORATION	Cor	ıtract:				
ab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1311
atrix (soil/w	vater):	SOIL		I	ab Samp	le ID:	A1311-0	)3A
vel (low/med):		MED		Ι	Date Rece	ived:	08/31/02	! <u></u>
Solids:		81.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
		Aluminum				NR		
	7440-36-0			1 1		NR		
	7440-38-2					NR		
	7440-39-3					NR		
	7440-41-7			4 1		NR		
	7440-43-9					NR		
	_7440-70-2					NR		
	7440-47-3					NR		
	_7440-48-4			1 1		NR		
	7440-50-8					NR		
	7439-89-6					NR		
	7439-92-1	Lead				NR		
	7439-95-4	Magnesium				NR		
	_7439-96-5			)		NR		
	_7439-97-6	_				NR		
	_7440-02-0					NR		
	7440-09-7					NR		
	_7782-49-2			1 1		NR		
	_7440-22-4	C:loss.				NR		
	_7440-23-5	Sodium				NR		
	7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium				NR		
	_7440-66-6	Zinc				NR		
		Cyanide	0.27	U		CA		
	L			h , <del></del> _				
lor Before:			Clarity Before:				Texture:	
olor After:	<del></del>		Clarity After:	<del></del>	_ <del></del>		Artifacts:	<del></del>
ominents:								

FORM I - IN

SW846

EPA SAMPLE NO.

070223245

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.: SAS No.:

MED

SDG No.: A1213

Matrix: (soil/water) SOIL

Lab Sample ID: Al213-02B

Sample wt/vol: 5.2 (g/mL) G

Lab File ID:

V4B3048

Level: (low/med)

Date Received: 08/15/02

% Moisture: not dec. 11

Date Analyzed: 08/24/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 5(mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1200 540 23000 8100	<u>u</u>
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EPA SAMPLE NO.

070223245

Lab Name: MITKEM CORPORATION

Contract:

SDG No.: A1213

Matrix: (soil/water) SOIL

Lab Sample ID: Al213-02A

Lab Code: MITKEM

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S1D0432

Level: (low/med) LOW Date Received: 08/15/02

% Moisture: 11

decanted: (Y/N) N

Date Extracted: 08/15/02

Concentrated Extract Volume: 10000(uL)

Case No.: SAS No.:

Date Analyzed: 08/20/02

Injection Volume:

CAS NO.

1.0(uL)

COMPOUND

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

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

Q

	T	T
91-20-3Naphthalene	280000	i
91-57-62-Methylnaphthalene	140000	]
208-96-8Acenaphthylene	17000	J
83-32-9Acenaphthene	150000	]
132-64-9Dibenzofuran	9500	J
86-73-7Fluorene	120000	
85-01-8Phenanthrene	250000	
120-12-7Anthracene	86000	
206-44-0Fluoranthene	91000	-
129-00-0Pyrene	160000	
56-55-3Benzo (a) anthracene	52000	
218-01-9Chrysene	55000	
205-99-2Benzo (b) fluoranthene	27000	
207-08-9Benzo(k)fluoranthene	10000	J
50-32-8Benzo (a) pyrene	37000	
193-39-5Indeno (1, 2, 3-cd) pyrene	10000	J
53-70-3Dibenzo(a,h)anthracene	3500	J
191-24-2Benzo (q, h, i) perylene	13000	J

EPA SAMPLE NO.

070223245 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1213 Matrix: (soil/water) WATER Lab Sample ID: A1213-02B Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2405 Level: (low/med) LOW Date Received: 08/15/02 % Moisture: not dec. Date Analyzed: 08/28/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/L COMPOUND Q

070223245

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1213

Matrix: (soil/water) WATER

Lab Sample ID: A1213-02A

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S1D0591

Level: (low/med) LOW

Date Received: 08/15/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted:08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/28/02

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N

pH: \_\_\_

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

91-20-3Naphthalene	2700	İ
91-57-62-Methylnaphthalene	400	
208-96-8Acenaphthylene	26	<del>J</del>
83-32-9Acenaphthene	370	
132-64-9Dibenzofuran	170	Ū
86-73-7Fluorene	170	
85-01-8Phenanthrene	330	
120-12-7Anthracene	62	J
206-44-0Fluoranthene	62	J
129-00-0Pyrene	96	J
56-55-3Benzo(a) anthracene	34	
218-01-9Chrysene	33	J
205-99-2Benzo (b) fluoranthene	17	J
207-08-9Benzo(k) fluoranthene	170	Ū
50-32-8Benzo (a) pyrene	26	_
193-39-5Indeno(1,2,3-cd)pyrene	170	_
53-70-3Dibenzo (a, h) anthracene	170	_
191-24-2Benzo (q,h,i) perylene	170	_
131-24-2	1,0	J

EPA SAMPLE NO.

070268695

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1213

Matrix: (soil/water) SOIL

Lab Sample ID: A1213-03B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3069

Level:

(low/med) MED Date Received: 08/15/02

% Moisture: not dec. 18

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume:

5 (配)

Soil Aliquot Volume:

100.0 (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	610 1200 46000 57000	U
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EPA SAMPLE NO.

070268695

Lab Name: MITKEM CORPORATION

Contract:

Case No.: SAS No.:

SDG No.: A1213

Matrix: (soil/water) SOIL

Lab Code: MITKEM

Lab Sample ID: A1213-03A

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

S1D0433

Level: (low/med) LOW

Date Received: 08/15/02

% Moisture: 18 decanted: (Y/N) N

Date Extracted: 08/15/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 08/20/02

Injection Volume: 1.0(uL)

Dilution Factor: 15.0

CONCENTRATION INTES.

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or ug/K		Q
91-20-3	Naphthalene		920000	

	}	1
91-20-3Naphthalene	920000	}
91-57-62-Methylnaphthalene	450000	
208-96-8Acenaphthylene	400000	
83-32-9Acenaphthene	44000	J
132-64-9Dibenzofuran	24000	J
86-73-7Fluorene	310000	1
85-01-8Phenanthrene	640000	
120-12-7Anthracene	210000	
206-44-0Fluoranthene	220000	
129-00-0 <b></b> Pyrene	360000	
56-55-3Benzo(a)anthracene	110000	
218-01-9Chrysene	130000	
205-99-2Benzo (b) fluoranthene	65000	<del></del>
207-08-9Benzo(k) fluoranthene	25000	J
50-32-8Benzo (a) pyrene	81000	ļ
193-39-5Indeno(1, 2, 3-cd)pyrene	28000	J
53-70-3Dibenzo(a,h)anthracene	8600	J
191-24-2Benzo(g,h,i)perylene	30000	
.5. 7 71 1		

EPA SAMPLE NO.

070268695

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1213

Matrix: (soil/water) WATER

Lab Sample ID: A1213-03B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2406

Level: (low/med) LOW

Date Received: 08/15/02

Date Analyzed: 08/28/02

% Moisture: not dec.

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

Dilution Factor: 2.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

71-43-2Benzene 108-88-3Toluene	2 24	ט
100-41-4Ethylbenzene 1330-20-7Xylene (Total)	310 430	

070268695

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1213

330 U

330 U

Matrix: (soil/water) WATER

Lab Sample ID: A1213-03A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID:

S1D0590

Level:

(low/med) LOW

Date Received: 08/15/02

% Moisture: decanted: (Y/N) Date Extracted:08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/28/02

Injection Volume: 1.0(uL)

53-70-3-----Dibenzo(a,h)anthracene

191-24-2----Benzo(q,h,i)perylene

Dilution Factor: 10.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N

pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
	Naphthalene	-	5000	
	2-Methylnapht		710	<u> </u>
208-96-8	Acenaphthyler	ıe	830	
	Acenaphthene		43	J

### U.S. EPA - CLP

## 1

EPA SAMPLE NO.

		INO	RGANIC ANALY	SIS DATA	SHEET		
Lab Name:	MITKEM C	ORPORATION	Co	ontract:			070268695
Lab Ivanic.	MITTREM_C	014 014111011			<del></del>		
Lab Code:	MITKEM	Case No.:		SAS No	).:		SDG No.: A1213
Matrix (soil/v	vater);	SOIL			Lab Samp	ole ID:	A1213-03A
Level (low/m	ed):	MED			Date Rece	eived:	08/15/02
% Solids:		82.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	_7429-90-5	Aluminum				NR	
	_7440-36-0	Antimony				NR	
	7440-38-2	Arsenic			_	NR	
	_7440-39-3	Barium				NR	
	_7440-41-7	Beryllium				NR	
	_7440-43-9	Cadmium				NR	
	_7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	_7440-48-4	Cobalt				NR	
	7440-50-8	Copper			ļ	NR	
	7439-89-6	Iron				NR	
	_7439-92-1	Lead				NR	
	7439-95-4	Magnesium	1_30			NR	
	7439-96-5	Manganese	)		_	NR	
	7439-97-6	Mercury	i i		<u> </u>	NR	
	7440-02-0	Nickel	4			NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver	)			NR	
	7440-23-5	Sodium				NR	
	7440-28-0	Thallium				NR	

Color Before:		Clarity Before:		Texture:	
Color After:	and the second s	Clarity After:	<del></del>	Artifacts:	
Comments:					

\_0.29\_\_

บ\_

NR

NR

CA

\_7440-28-0\_

\_7440-62-2\_

\_7440-66-6\_

Thallium\_

Vanadium\_

Cyanide\_

Zinc\_

COMPOUND

CAS NO.

EPA SAMPLE NO.

Q

070297107 Lab Name: MITKEM CORPORATION Contract: SDG No.: A1213 Lab Code: MITKEM Case No.: SAS No.: Lab Sample ID: A1213-04B Matrix: (soil/water) SOIL Sample wt/vol: 5.0 (g/mL) G Lab File ID: V4B3079 (low/med) Level: LOW Date Received: 08/15/02 % Moisture: not dec. 16 Date Analyzed: 08/27/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_ (uL) Soil Extract Volume: \_\_\_ (mL)

CONCENTRATION UNITS: (uq/L or ug/Kq) UG/KG

71-43-2-----Benzene 1 U
108-88-3-----Toluene 1 U
100-41-4-----Ethylbenzene 1 U
1330-20-7-----Xylene (Total) 1 U

FORM I VOA

070297107

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1213

Matrix: (soil/water) SOIL

Lab Sample ID: A1213-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S1D0347

Level: (low/med) LOW

Date Received: 08/15/02

% Moisture: 16 decanted: (Y/N) N Date Extracted:08/15/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/15/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/	kg) UG/KG	Q
91-20-3	Naphthalene		410	
91-57-6	2-Methylnaphtha	lene	210	J
208-96-8	Acenaphthylene		390	J
83-32-9	Acenaphthene		160	J
	Dibenzofuran		390	Ū
86-73-7	Fluorene		430	
85-01-8	Phenanthrene		1500	
	Anthracene		420	
206-44-0	Fluoranthene		450	
129-00-0	Pyrene		810	
	Benzo (a) anthrac	ene	240	J
	Chrysene		240	IJ
205-99-2	Benzo(b) fluoran	thene	120	
	Benzo(k)fluoran		52	J
	Benzo (a) pyrene		160	
193-39-5	Indeno(1,2,3-cd	pyrene	390	
	Dibenzo (a,h) ant		390	_
	Benzo(g,h,i)per		45	_
	(g//-/p			-

EPA SAMPLE NO.

Tale W. NEWWY. CO.		<b>.</b>	070297107
Lab Name: MITKEM COR	RPORATION	Contract:	
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: Al213
Matrix: (soil/water)	WATER	Lab Sample	E ID: A1213-04B
Sample wt/vol:	5.000 (g/mL) ML	Lab File 1	D: V6C2335
Level: (low/med)	LOW	Date Recei	.ved: 08/15/02
% Moisture: not dec.	·	Date Analy	rzed: 08/26/02
GC Column: DB-624	ID: 0.25 (mm)	Dilution F	actor: 1.0
Soil Extract Volume:	(uL)	Soil Aliqu	ot Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UN (ug/L or ug/Kg)	
			1 U 1 U 1 U

FORM I VOA

BPA SAMPLE NO.

070297107

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1213

Lab Sample ID: A1213-04A

Matrix: (soil/water) WATER

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S1D0534

Level:

(low/med)

LOW

Date Received: 08/15/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/21/02

CAS NO.

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/02

Injection Volume:

1.0(uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

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

Q

91-20-3Naphthalene	33	U
91-57-62-Methylnaphthalene	33	ប
208-96-8Acenaphthylene	33	ט
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran		U
86-73-7Fluorene	33	\Ծ
85-01-8Phenanthrene	33	שׁ
120-12-7Anthracene	33	U
206-44-0Fluoranthene		ט
129-00-0Pyrene	4	J
56-55-3Benzo (a) anthracene		U
218-01-9Chrysene	33	ט
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k) fluoranthene	33	U
50-32-8Benzo (a) pyrene	33	שׁ
193-39-5Indeno(1,2,3-cd)pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	שׁ
191-24-2Benzo(g,h,i)perylene	33	U

### U.S. EPA - CLP

### I INORGANIC ANALYSIS DATA SHEET

Contract:

SAS No.:

	EPA SAN	MPLE NO.			
	070297107				
-	SDG No.:	A1213			
D:	A1213-	04A			
d:	08/15/02	2			

Matrix (soil/water):

MITKEM

SOIL\_\_\_

Case No.:

MITKEM\_CORPORATION\_\_\_\_

Lab Sample II

Level (low/med):

MED\_\_\_\_

Date Received:

% Solids:

Lab Name:

Lab Code:

84.0\_\_\_\_

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

MG/KG

CAS No.	Analyte	Concentration	C	Q	M
	Aluminum				NR
_7440-36-0	Antimony				NR
_7440-38-2	Arsenic				NR
_7440-39-3	Barium				NR
_7440-41-7	Beryllium				NR
_7440-43-9	Cadmium				NR
_7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
_7440-48-4	Cobalt				NR
_7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
_7440-22-4	Silver				NR
_7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc			·····	NR
	Cyanide	0.26	U		CA

Color Bef	эге:	 Clarity Before:	 Texture:	
Color Afte	er;	 Clarity After:	 Artifacts:	
Comments	s:			
-	÷ +			
-	<del></del>	 	 	

EPA SAMPLE NO.

08D2710 SDG No.: A1273 Lab File ID: V4B3155

Lab Name: MITKEM CORPORATION

Case No.:

Contract: SAS No.:

Lab Sample ID: A1273-04B

Matrix: (soil/water) SOIL

5.0 (g/mL) G

Sample wt/vol:

Lab Code: MITKEM

Date Received: 08/26/02

% Moisture: not dec. 20

Level: (low/med) LOW

Date Analyzed: 08/29/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	5 1 1 1	n n

EPA SAMPLE NO.

08D2710

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-04A

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S2C9096

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L o	r ug/Kg)	UG/KG	Q
91-57-6 208-96-8 83-32-9 132-64-9	Naphthalene 2-Methylnapht Acenaphthylen Acenaphthene Dibenzofuran			420 52 46 420 420	J U
85-01-8 120-12-7	Fluorene Phenanthrene Anthracene Fluoranthene			52 240 46 140 230	J J J
56-55-3 218-01-9 205-99-2	Benzo(a)anthr Chrysene Benzo(b)fluor Benzo(k)fluor	anthene		230 88 100 68 420	J J J
50-32-8 193-39-5 53-70-3	Benzo(a)pyren Indeno(1,2,3- Dibenzo(a,h)a Benzo(g,h,i)p	e cd)pyrene nthracene		65 420 420 420	J Մ Մ

EPA SAMPLE NO.

Contract:
SAS No.: SDG No.: A1273
Lab Sample ID: A1273-04B
Lab File ID: V6C2596
Date Received: 08/26/02
Date Analyzed: 09/02/02
Dilution Factor: 1.0
Soil Aliquot Volume:(uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
1 U 1 U 1 U 1 U

08D2710 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273 Lab Sample ID: A1273-04A Matrix: (soil/water) WATER 300.0 (g/mL) ML Lab File ID: Sample wt/vol: S1D0748 Level: (low/med) LOW Date Received: 08/26/02 decanted: (Y/N) \_ Date Extracted: 08/27/02 % Moisture: 1000 (uL) Date Analyzed: 09/04/02 Concentrated Extract Volume: Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: \_\_\_\_

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

91-20-3-----Naphthalene 7 J
91-57-6-----2-Methylnaphthalene 4 J
208-96-8-----Acenaphthylene 33 U
83-32-9-----Acenaphthene 33 U

### U.S. EPA - CLP

<b>EPA</b>	C A	M	TE	N	$\sim$
EFA	SA	JVL	LE	1/	v.

	INORGANIC ANALYSIS DATA SHEET					EPA SAMPLE NO.		
							08D2	710
ab Name:	MITKEM_CO	ORPORATION	Cont	ract:				<u> </u>
ab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1273
fatrix (soil/wa	ater):	SOIL		L	ab Samp	ole ID:	A1273-0	)4A
evel (low/me	d):	MED		D	ate Rece	eived:	08/26/02	2
Solids:		80.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
!	CAS No.	Analyte	Concentration	С	Q	м		
	_7429-90-5	Aluminum_				NR		
	_7440-36-0	—· i				NR		
	_7440-38-2					NR		
	_7440-39-3	Barium	l .			NR		
	_7440-41-7	Beryllium	1			NR		
	_7440-43-9	· -				NR		
	_7440-70-2					NR		
	_7440-47-3					NR		
İ	7440-48-4					NR		
	_7440-50-8	Соррег				NR		
	_7439-89-6					NR		
	_7439-92-1					NR		
	7439-95-4	Magnesium				NR		
	7439-96-5	Manganese				NR		
	7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	_7440-09-7	Potassium				NR		
	7782-49-2	Selenium				NR		
	_7440-22-4	Silver				NR		
	_7440-23-5	Sodium				NR		
	_7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium				NR		
	_7440-66-6	Zinc				NR		
		Cyanide	0.29	U		CA		
1 D-£			Clarity Before:				Texture:	
olor Before:	<del></del>		Cianty Detoic.	<del></del>			, ontdiv.	
olor After:			Clarity After:	<u></u> ,			Artifacts:	· · · · · · · · · · · · · · · · · · ·
omments:								

FORM I - IN

SW846

000674

EPA SAMPLE NO.

08D25257 Contract: Lab Name: MITKEM CORPORATION SAS No.: SDG No.: A1273 Lab Code: MITKEM Case No.: Lab Sample ID: A1273-05B Matrix: (soil/water) SOIL 5.1 (g/mL) G Lab File ID: Sample wt/vol: V4B3156 Level: (low/med) LOW Date Received: 08/26/02 % Moisture: not dec. 20 Date Analyzed: 08/29/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: (uL) Soil Extract Volume: (mL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG CAS NO. COMPOUND 0

EPA SAMPLE NO.

08D25257

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-05A

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: S2C9092

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q
91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 20-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9	Benzo(a) anthrac Chrysene Benzo(b) fluoran Benzo(k) fluoran	ene	ug/Kg)	410 410 410 410 410 410 410 410 410 410	ממממממממממממממ
50-32-8 193-39-5 53-70-3	Benzo (a) pyrene Indeno (1,2,3-cd Dibenzo (a,h) ant Benzo (g,h,i) per	)pyrene hracene		410 410 410 410	U U U
! <del></del>	<del></del>				' i

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	08D25257	
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: A1273	
Matrix: (soil/water)	WATER	Lab Sample ID	: A1273-05B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2597	
Level: (low/med)	LOW	Date Received	: 08/26/02	
% Moisture: not dec.		Date Analyzed	: 09/02/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Factor	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot	Volume:(uI	(ر
CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/	=	
			1 U 1 U 1 U	

08D25257 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM SAS No.: Case No.: SDG No.: A1273 Lab Sample ID: A1273-05A Matrix: (soil/water) WATER 300.0 (q/mL) ML Lab File ID: Sample wt/vol: S1D0652 Level: (low/med) LOW Date Received: 08/26/02 % Moisture: decanted: (Y/N) Date Extracted: 08/27/02 1000 (uL) Concentrated Extract Volume: Date Analyzed: 08/30/02 Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: CONCENTRATION UNITS: (uq/L or ug/Kq) UG/L CAS NO. COMPOUND 0 91-20-3----Naphthalene 91-57-6----2-Methylnaphthalene 33 U 208-96-8-----Acenaphthylene 33 T 83-32-9-----Acenaphthene 33 D 33 U 132-64-9-----Dibenzofuran 86-73-7-----Fluorene 33 U 85-01-8-----Phenanthrene 33 U 120-12-7-----Anthracene 33 U 206-44-0----Fluoranthene 33 U 129-00-0-----Pyrene 33 U 56-55-3-----Benzo(a)anthracene 33 U 218-01-9-----Chrysene 33 U 205-99-2----Benzo (b) fluoranthene 33 U 207-08-9-----Benzo(k) fluoranthene 33 U 50-32-8-----Benzo (a) pyrene 33 U

193-39-5-----Indeno(1,2,3-cd)pyrene

53-70-3-----Dibenzo(a,h)anthracene

191-24-2----Benzo(g,h,i)perylene\_

33 U

33 U

33 U

### U.S. EPA - CLP

# 1

	INORGANIC ANALYSIS DATA SHEET					EPA SAMPLE NO	
Name:	MILLEM CA	ORPORATION	Con	tract:			08D25257
o Name:	MITKEM_C	OKPOKATION		uact.			15417
b Code:	MITKEM	Case No.:		SAS No.:		<del></del>	SDG No.: A1273_
atrix (soil/w	ater):	SOIL		L	ab Samp	ole ID:	A1273-05A
vel (low/me	ed):	MED		D	ate Rece	eived:	08/26/02
Solids:		80.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
		Aluminum		-		NR	
	7429-90-3 _7440-36-0	—···				NR	
	7440-38-2					NR	
						NR	
	7440-39-3 7440-41-7					NR	
	7440-43-9				<u> </u>	NR	
	7440-70-2					NR	
	7440-47-3					NR	
	7440-48-4					NR	
	_7440-50-8					NR	
	7439-89-6					NR	
	7439-92-1	Lead	1			NR	
	_7439-95-4	Magnesium_				NR	
	_7439-96-5	Manganese	1			NR	
	_7439-97-6	Mercury	l l			_NR	
	_7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR	
	_7782-49-2	Selenium				NR	
	_7440-22-4	Silver				_NR	
	_7440-23-5	Sodium				_NR	
	_7440-28-0	Thallium				NR	
	_7440-62-2	Vanadium				_NR	
	7440-66-6	Zinc		_		NR	
	<u> </u>	Cyanide	0.27	U .		CA	
olor Before:	<del>.,</del>		Clarity Before:	<del></del>			Texture:
lor After:	<del></del>		Clarity After:				Artifacts:
mments:							

SW846

EPA SAMPLE NO.

08D297107

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-06B

Sample wt/vol:

Lab File ID: V4B3106

5.0 (g/mL) G

COMPOUND

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: not dec. 20

Date Analyzed: 08/27/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

CAS NO.

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

0

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	. 5 1 1 1	U U U
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08D297107

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-06A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S2C9093

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 20 decanted: (Y/N) N

Date Extracted:08/26/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND (t	ug/L or ug/K	J) UG/KG	Q
91-20-3	Naphthalene		410	U
	2-Methylnaphthalene	9	410	U
	Acenapĥthylene		410	ប
	Acenaphthene		410	1
	Dibenzofuran	·	410	
	Fluorene		410	I .
	Phenanthrene		410	
	Anthracene		410	
	Fluoranthene		410	
129-00-0			410	
	Benzo (a) anthracene		410	
	Chrysene	· · · · · · · · · · · · · · · · · · ·	410	
	Benzo(b) fluoranther	ie	410	ı
	Benzo(k) fluoranther		410	
	Benzo (a) pyrene		410	
	Indeno (1, 2, 3-cd) pyr	ene	410	1
	Dibenzo (a, h) anthrac		410	1
	Benzo(q,h,i)perylen			
171 24 2	Delize (g, ii, i) per y iei		410	
		I		l

EPA SAMPLE NO.

08D297107 Lab Name: MITKEM CORPORATION Contract: SAS No.: SDG No.: A1273 Lab Code: MITKEM Case No : Matrix: (soil/water) WATER Lab Sample ID: A1273-06B Lab File ID: V6C2598 Sample wt/vol: 5.000 (g/mL) ML Date Received: 08/26/02 Level: (low/med) LOW % Moisture: not dec. Date Analyzed: 09/02/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_ (uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 1 U 71-43-2-----Benzene 108-88-3-----Toluene וען ג 100-41-4----Ethylbenzene 1 U 1 U 1330-20-7-----Xylene (Total)

120-12-7-----Anthracene

129-00-0-----Pyrene

218-01-9-----Chrysene

206-44-0----Fluoranthene

50-32-8-----Benzo (a) pyrene

56-55-3-----Benzo(a)anthracene

205-99-2----Benzo (b) fluoranthene

207-08-9-----Benzo(k)fluoranthene

193-39-5-----Indeno(1,2,3-cd)pyrene

53-70-3-----Dibenzo(a,h)anthracene

191-24-2-----Benzo(g,h,i)perylene\_

EPA SAMPLE NO.

08D297107 Contract: Lab Name: MITKEM CORPORATION Lab Code: MITKEM SAS No.: Case No.: SDG No.: A1273 Lab Sample ID: A1273-06A Matrix: (soil/water) WATER Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0736 Level: (low/med) LOW Date Received: 08/26/02 \_\_\_ decanted: (Y/N) % Moisture: Date Extracted: 08/27/02 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/02 Injection Volume: Dilution Factor: 1.0 1.0(址) GPC Cleanup: (Y/N) N pH: \_\_\_\_ CONCENTRATION UNITS: CAS NO. COMPOUND (uq/L or uq/Kq) UG/L 0 91-20-3----Naphthalene 33 | U 91-57-6----2-Methylnaphthalene 33 ∤ U 208-96-8-----Acenaphthylene 33 U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33|℧ 86-73-7----Fluorene 33 U 33 U 85-01-8-----Phenanthrene

33 U

33 | U

33 U

33 U

33 U

33 | U

33 U

33 U

33 U

33 U

33 U

### U.S. EPA - CLP

		INO	i RGANIC ANALYS	SIS DATA	S DATA SHEET EPA SAMP			
							08D29	7107
Lab Name:	MITKEM_C	ORPORATION	Co	entract:		<del>,</del>	·	
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1273_
Matrix (soil/wa	ater):	SOIL			Lab Samp	ole ID:	A1273-0	06A
Level (low/med	d):	MED			Date Rece	eived:	08/26/02	2
% Solids:		80.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	M		
	_7429-90-5	Aluminum				NR		
Ī	_7429-90-3 _7440-36-0	Antimony	1			NR		
Ì	7440-38-2	Arsenic				NR		
	_7440-39-3	i				NR		
	7440-41-7					NR		
	_7440-43-9	Cadmium				NR		
	7440-70-2					NR		
Į	_7440-47-3					NR		
	7440-48-4	Cobalt				NR		
ļ	_7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
	_7439-92-1					NR		
ļ	_7439-95-4	Magnesium				NR		
ļ	_7439-96-5					NR		
	_7439-97-6					NR		
	7440-02-0					NR		
	_7440-09-7					NR		
	7782-49-2	Selenium				NR NR		
1	_7440-22-4	Silver	1			NR ND		
ļ	7440-23-5	Sodium	1	<del></del>		NR		
	_7440-28-0	Thallium				NR NR		
	_7440-62-2	Vanadium		<del></del>	· · · · · · · · · · · · · · · · · · ·	NR		
	_7440-66-6	Zinc		II.		NR		
1		Cyanide	0.29			CA		
			or 1: D. C				Tartina	
Color Before:			Clarity Before:	<del>_</del> _	<del></del>		Texture:	
Color After:	Accessor to the second of the	<del></del>	Clarity After:	_			Artifacts:	
Comments:								

FORM I - IN

SW846

EPA SAMPLE NO.

14D21014

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-13B

Sample wt/vol:

5.3 (q/mL) G

Lab File ID: V4B3071

Level: (

(low/med) MED

Date Received: 08/21/02

% Moisture: not dec. 12

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 40.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG Q

71-43-2-----Benzene 2100 U
108-88-3-----Toluene 2100 U
100-41-4-----Ethylbenzene 110000
1330-20-7-----Xylene (Total) 190000

14D21014

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-13A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2C9080

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/30/02

Injection Volume: 1.0(uL)

Dilution Factor: 20.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or u	ıg/Kg)	UG/ KG	Q
91-20-3	Naphthalene	lene	_  .	78000 28000	
208-96-8	Acenaphthylene_		_	7500	Ū
83-32-9 132-64-9	Acenaphthene Dibenzofuran		-	7500 1600	
86-73-7	Fluorene		_	4800 9000	1
120-12-7	Anthracene		_	1300	J
129-00-0	Fluoranthene		-	1500 2100	
56-55-3	Benzo(a)anthrac Chrysene	ene	_	7500 760	
205-99-2	Benzo(b)fluoran		_	7500	U
	Benzo(k)fluoran Benzo(a)pyrene		-[	7500 7500	
193-39-5	Indeno (1, 2, 3-cd	)pyrene	_	7500	Ū
	Dibenzo(a,h)ant Benzo(g,h,i)per		_	7500 7500	
l			_		

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	14D21014
Lab Code: MITKEM	Case No.:	SAS No.: SDG	3 No.: A1248
Matrix: (soil/water)	WATER	Lab Sample II	): A1248-13B
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2455
Level: (low/med)	LOW	Date Received	: 08/21/02
% Moisture: not dec.		Date Analyzed	: 08/29/02
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fact	or: 10.0
Soil Extract Volume:	(uL)	Soil Aliquot	Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/	•
			10 27 1700 3100

		04.1.01		011011111					
								14D21014	
Lab	Name:	MITKEM	CORPOR	ATION	Conf	ract:	!		

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248

Matrix: (soil/water) WATER Lab Sample ID: A1248-13A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0630

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: decanted: (Y/N) Date Extracted:08/23/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/29/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

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

390 91-20-3-----Naphthalene 91-57-6----2-Methylnaphthalene 34 208-96-8-----Acenaphthylene 33 U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33 U 86-73-7----Fluorene 33 U 85-01-8-----Phenanthrene 5 J 120-12-7-----Anthracene 33 U 206-44-0----Fluoranthene 33 U 129-00-0-----Pyrene 33 U 56-55-3----Benzo (a) anthracene 33 U 218-01-9-----Chrysene 33 U 205-99-2----Benzo (b) fluoranthene 33 J T 207-08-9-----Benzo(k) fluoranthene 33 | U 50-32-8-----Benzo (a) pyrene 33 U 193-39-5----Indeno (1, 2, 3-cd) pyrene 33 U 53-70-3-----Dibenzo (a, h) anthracene 33 U 191-24-2----Benzo(g,h,i)perylene 33 U

### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

b Name:	MITKEM_CO	ORPORATION	Co	ontract:			14D21014
b Code:	MITKEM	Case No.:		SAS No.	:		SDG No.: A1248_
ıtrix (soil/wa	ater):	SOIL			Lab Samp	le ID:	A1248-13A
vel (low/me	d):	MED			Date Rece	ived:	08/21/02
Solids:		88.0					
	Concentration	MG/KG					
	CAS No.	Analyte	Concentration	С	Q	M	
	7429-90-5	Aluminum_			<del></del>	NR	
	7440-36-0	Antimony		_		NR	
Ì	7440-38-2	Arsenic				NR	
	_7440-39-3	Barium_				NR	
	7440-41-7	Beryllium				NR	
	_7440-43-9	Cadmium				NR	
	_7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR NR	
	7439-92-1	Lead			<del></del>	NR NR	
	7439-95-4	Magnesium_	<del></del>	<del>  </del>		NR	
	7439-96-5	Manganese				NR	
	7439-97-6 7440-02-0	Mercury Nickel				NR	
	7440-02-0	Potassium				NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver				NR	
	7440-23-5	Sodium				NR	
	7440-28-0	Thallium	<del>                                     </del>			NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.28	U	NJ	CA	
		<u> </u>					
lor Before:			Clarity Before:		<del>_</del>		Texture:
olor After:			Clarity After:		<del></del> -		Artifacts:
mments:							
***							

FORM I - IN

SW846

EPA SAMPLE NO.

14D26777 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Lab Sample ID: A1248-14B Matrix: (soil/water) SOIL Lab File ID: Sample wt/vol: 5.0 (q/mL) GV4B3109 Level: (low/med) Date Received: 08/21/02 LOW % Moisture: not dec. 14 Date Analyzed: 08/28/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/KG COMPOUND Q 71-43-2-----Benzene 1 0 108-88-3-----Toluene ז ען ב 100-41-4-----Ethylbenzene 1 0 1330-20-7-----Xylene (Total) 1 10

14D26777

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-14A

Sample wt/vol:

30.2 (g/mL) G

Lab File ID: S2C8899

Level:

(low/med) LOW

Date Received: 08/21/02

% Moisture: 14

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_

CAS NO.	COMPOUND	(ug/L or	ug/kg/	UG/ NG	Q
	Naphthalene			380	
	2-Methylnaphtha	lene	`	380	U
208-96-8	Acenaphthylene_			380	Jυ
83-32-9	Acenaphthene			380	Įυ
132-64-9	Dibenzofuran			380	U
86-73-7	Fluorene			380	υ
85-01-8	Phenanthrene			380	שו
120-12-7	Anthracene	<del></del>		380	ט
	Fluoranthene			380	ט
129-00-0	Pvrene			380	ס
	Benzo (a) anthrace	ene	<b></b>	380	
218-01-9	Chrysene			380	
205-99-2	Chrysene Benzo(b) fluorant	hene		380	
207-08-9	Benzo(k) fluorant	hene		380	
50-32-8	Benzo (a) pyrene			380	บ
193-39-5	$$ Indeno $(1,2,3-c\overline{d})$	pyrene		380	
	Dibenzo (a, h) anth		<del></del> 1	380	
	Benzo(g,h,i)pery		<del></del>	380	
					_

EPA SAMPLE NO.

Lab Name: MITKEM CON	RPORATTON	Contract:		14D26777	
Lab Code: MITKEM	· · • • • • · · · · · · · · · · · ·	SAS No.:	SDG 1	No.: A1248	I
Matrix: (soil/water)	) WATER	Lab Samp	ple ID:	A1248-14B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File	e ID:	V6C2456	
Level: (low/med)	LOW	Date Red	ceived:	08/21/02	
% Moisture: not dec.	•	Date Ana	alyzed:	08/29/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution	ı Factor	r: 1.0	
Soil Extract Volume:	:(uL)	Soil Ali	iquot Vo	olume:	_(uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg		Q	
				1 U 1 U 2	

33 J U

33 U

33 U

33 U

33 U

33 U

33 | U

33 U

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

56-55-3-----Benzo (a) anthracene

205-99-2----Benzo(b) fluoranthene

207-08-9-----Benzo(k) fluoranthene

193-39-5----Indeno(1,2,3-cd)pyrene

53-70-3-----Dibenzo(a,h)anthracene

191-24-2----Benzo(g,h,i)perylene

50-32-8-----Benzo (a) pyrene

218-01-9-----Chrysene

14D26777

Lab Name: MITKEM CORPORATION Contract: SDG No.: A1248 Lab Code: MITKEM Case No.: SAS No.: Matrix: (soil/water) WATER Lab Sample ID: A1248-14A 300.0 (q/mL) ML Lab File ID: S1D0612 Sample wt/vol: Date Received: 08/21/02 (low/med) LOW Level: Date Extracted: 08/23/02 % Moisture: decanted: (Y/N) Concentrated Extract Volume: Date Analyzed: 08/28/02 1000 (uL) Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: CONCENTRATION UNITS: COMPOUND (uq/L or uq/Kq) UG/L 0 CAS NO. 91-20-3----Naphthalene 33 U 91-57-6----2-Methylnaphthalene 33 U 208-96-8------Acenaphthylene\_\_\_\_83-32-9------Acenaphthene\_\_\_\_ 33 U 33 U 33 U 132-64-9-----Dibenzofuran 86-73-7----Fluorene 33 U 85-01-8-----Phenanthrene 33 U 120-12-7-----Anthracene 33 U 33 U 206-44-0----Fluoranthene 129-00-0----Pyrene 33 U

### U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

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Lab Name:	MITKEM_CO	ORPORATION	Co	ntract:			14D26777
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1248
Matrix (soil/w	ater):	SOIL		L	ab Samp	ole ID:	A1248-14A
Level (low/me	ed):	MED		Ľ	ate Rece	eived:	08/21/02
% Solids:		86.0					
	Concentration	Units (ug/L or mg/	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	7429-90-5	Aluminum				NR	
	7440-36-0	Antimony	<del>                                     </del>			NR	
	7440-38-2	Arsenic Arsenic	<del></del>			NR	
	7440-38-2	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium			<i></i>	NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead			·	NR	
	7439-95-4	Magnesium				NR	
	7439-96-5	Manganese				NR]	
	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				NR]	
	7440-22-4	Silver				NR	
	7440-23-5	Sodium				_NR	
	7440-28-0	Thallium				_NR	
	7440-62-2	Vanadium				_NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.25	U	NJ	CA	
Color Before:			Clarity Before:				Texture:
Color After:			Clarity After:				Artifacts:
Comments:							

FORM 1 - IN

SW846

EPA SAMPLE NO.

14D297107 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Matrix: (soil/water) SOIL Lab Sample ID: A1248-15B Sample wt/vol: 5.2 (g/mL) G Lab File ID: V4B3089 Level: (low/med) Date Received: 08/21/02 % Moisture: not dec. 16 Date Analyzed: 08/27/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: (uL) Soil Extract Volume: (mL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q 71-43-2----Benzene 2 108-88-3----Toluene 2 1 2

14D297107

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL Lab Sample ID: A1248-15A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S2C8900

Date Received: 08/21/02

Level: (low/med) LOW

CONCENTRATION UNITS:

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND (1	ig/L or ug/Kg)	OG/ KG	Q
91-20-3	Naphthalene		390	υ
91-57-6	2-Methylnaphthalene	2	390	U
208-96-8	Acenaphthylene		390	שׁ
	Acenaphthene		390	ט
	Dibenzofuran		390	טן
86-73-7	Fluorene		390	U
85-01-8	Phenanthrene		42	J
	Anthracene		390	U
	Fluoranthene		390	
129-00-0			390	
56-55-3	Benzo(a) anthracene	<del></del>	390	
218-01-9	Chrysene		390	
205-99-2	Benzo(b) fluoranther	ie	390	
	Benzo(k) fluoranther		390	
	Benzo(a)pyrene	<del></del>	390	
193-39-5	Indeno(1,2,3-cd)pyr	ene	390	
	Dibenzo (a, h) anthrac		390	
191-24-2	Benzo(g,h,i)perylen	e	390	

EPA SAMPLE NO.

Lab Name: MITKEM CORPORAT	TION Contrac	t:	14D297107	3
Lab Code: MITKEM Case	No.: SAS No	.: SDG	No.: Al248	
Matrix: (soil/water) WATE	ER	Lab Sample ID:	: A1248-15B	
Sample wt/vol: 5.00	00 (g/mL) ML	Lab File ID:	V6C2458	
Level: (low/med) LOW		Date Received:	08/21/02	
% Moisture: not dec.	·	Date Analyzed:	08/29/02	
GC Column: DB-624 ID:	0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	olume:(	uL)
CAS NO. CO		ENTRATION UNITS: L or ug/Kg) UG/L		
71-43-2Be 108-88-3To 100-41-4Et 1330-20-7Xy	oluene hylbenzene		1 U 1 U 1 3	

Lab Name: MITKEM CORP	ORATION (	Contract:	140297107
Lab Code: MITKEM C	ase No.:	SAS No.:	DG No.: A1248
Matrix: (soil/water)	WATER	Lab Sample	ID: A1248-15A
Sample wt/vol:	300.0 (g/mL) ML	Lab File ID	: S1D0613
Level: (low/med)	LOW	Date Receive	ed: 08/21/02
% Moisture:	decanted: (Y/N)	Date Extrac	ted:08/23/02
Concentrated Extract	Volume: 1000(u	L) Date Analyzo	ed: 08/28/02
Injection Volume:	1.0 (uL)	Dilution Fac	ctor: 1.0
GPC Cleanup: (Y/N) 1	м рн:		
CAS NO.	COMPOUND	CONCENTRATION UNIT	·

91-20-3Naphthalene 91-57-62-Methylnaphthalene 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Pibenzofuran 86-73-7Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0Pyrene 56-55-3Benzo(a) anthracene 218-01-9	33 33 33 33 33 33 33 33 33 33	מממממממממ
129-00-0Pyrene	33	U
56-55-3Benzo(a)anthracene		U
207-08-9Benzo (k) fluoranthene 50-32-8Benzo (a) pyrene 193-39-5Indeno (1, 2, 3-cd) pyrene	33 33 33	ប ប
53-70-3Dibenzo(a,h)anthracene 191-24-2Benzo(g,h,i)perylene	33 33	Ū

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ab Name:	MITKEM_CO	ORPORATION	Contr	act:			14D297107
ab Code:	MITKEM	Case No.:		AS No.:			SDG No.: A1248_
/latrix (soil/wa	iter):	SOIL		L	ab Samp	le ID:	A1248-15A
evel (low/med	d):	MED		D	Date Rece	eived:	08/21/02
6 Solids:		84.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum		_ _		NR	
	_7440-36-0	Antimony				_NR]	
	7440-38-2	Arsenic		_	· · · · · · · · · · · · · · · · · · ·	NR	
	7440-39-3	Barium				NR	
	_7440-41-7	Beryllium			·-····································	NR	
ļ	_7440-43-9	Cadmium				NR	
	_7440-70-2	Calcium				NR	
	_7440-47-3	Chromium				NR	
	7440-48-4	Cobalt			,-	NR	
	_7440-50-8	Copper				NR	
	_7439-89-6	Iron		_		NR NR	
	7439-92-1	Lead	<del>-</del>			NR	
	_7439-95-4	Magnesium				NR NR	
	7439-96-5	Manganese			<del></del>	NR NR	
	7439-97-6	Mercury		<del></del>		NR	
	7440-02-0	Nickel_				NR	
	_7440-09-7	Potassium				NR	
	_7782-49-2	Selenium				NR	
	_7440-22-4 _7440-23-5	Silver Sodium		<del></del> -	<del></del>	NR	
		Thallium		<del></del>	·····	NR	
		Vanadium				NR	
	7440-66-6	Zinc		<del></del>	<del></del>	NR	
	_/	Cyanide	0.25	U	N J	CA	
		- Cyumuu					
Color Before:			Clarity Before:				Texture:
CIOI DOIOIC.							41'
Color After:		· · · · · · · · · · · · · · · · · · ·	Clarity After:		<del></del>		Artifacts:
Comments:							
<del></del>		,					

FORM I - IN

SW846

EPA SAMPLE NO.

15D995

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-17B

Sample wt/vol:

5.1 (q/mL) G

Lab File ID: V4B3070

Level: (low/med) MED

Date Received: 08/21/02

% Moisture: not dec. 16

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume: 100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1400 7400 96000 210000	U
l		

EPA SAMPLE NO.

15D995

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-17A

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: S2C9082

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/30/02

Injection Volume: 1.0(uL)

Dilution Factor: 10.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L	or ug/Kg)	UG/KG	Q
	Naphthalene			53000	
	2-Methylnaphi			17000	1
208-96-8	Acenaphthyler	1e	l	980	J
83-32-9	Acenaphthene			520	_
	Dibenzofuran			500	
	Fluorene			2600	J
85-01-8	Phenanthrene			5900	
120-12-7	Anthracene ¯			860	J
	Fluoranthene			1800	J
129-00-0	Pyrene			2400	J
56-55-3	Benzo(a) anthr	acene	)	750	J
218-01-9	Chrysene			840	J
205-99-2	Benzo(b) fluor	anthène		620	J
207-08-9	Benzo(k)fluor	anthene		3900	U
50-32-8	Benzo (a) pyren	.e <u>—</u> —	<del></del>	3900	U
193-39-5	Indeno(1,2,3-	cd) pyrene		3900	υ
	Dibenzo(a,h)a			3900	U
	Benzo( $q,h,i$ )p			3900	U
		<del>-</del>			

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: Al248
Matrix: (soil/water) WATER	Lab Sample ID: A1248-17B
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID: V6C2459
Level: (low/med) LOW	Date Received: 08/21/02
% Moisture: not dec.	Date Analyzed: 08/29/02
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 10.0
Soil Extract Volume:(uL)	Soil Aliquot Volume:(uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	10 U 100 1300

Lab Name: MITKEM CORPO	RATION C	ontract:	15D995
Lab Code: MITKEM Cas	se No.:	SAS No.:	SDG No.: A1248
Matrix: (soil/water) W	ATER	Lab Sam	ple ID: A1248-17A
Sample wt/vol: 3	00.0 (g/mL) ML	Lab Fil	e ID: S1D0615
Level: (low/med) La	OW	Date Re	ceived: 08/21/02
% Moisture: de	ecanted: (Y/N)	_ Date Ex	tracted:08/23/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/28/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

91-20-3Naphthalene	250	j
91-57-62-Methylnaphthalene	_   15	J
208-96-8Acenaphthylene	33	υ
83-32-9Acenaphthene	_  33	U
132-64-9Dibenzofuran	33	υ
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	υ
206-44-0Fluoranthene	_  33	U
129-00-0Pyrene	33	U
56-55-3Benzo(a)anthracene	_  33 <i> </i>	U .
218-01-9Chrysene	<sup>-</sup>   33	U
205-99-2Benzo(b) fluoranthene	<sup>-</sup>   33	υ
207-08-9Benzo(k)fluoranthene	<sup>-</sup>   33	ט ו
50-32-8Benzo (a) pyrene	T 33 l	υ
193-39-5Indeno(1, 2, 3-cd)pyrene	<sup>-</sup>   33	υ
53-70-3Dibenzo(a,h)anthracene	<sup>-</sup>   33	υ
191-24-2Benzo(g,h,i)perylene	<del>-</del>	υ
- · · · · · · · · · · · · · · · · · · ·	-	Ì
	- · <del></del>	

## U.S. EPA - CLP

## l INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

b Name:	MITKEM_CO	ORPORATION	Cor	ıtract:			15D995
o Code;	MITKEM	Case No.:		SAS No.:			SDG No.: A1248_
trix (soil/w	ater):	SOIL			Lab Samp	le ID:	A1248-17A
vel (low/me	d):	MED			Date Rece	ived:	08/21/02
Solids:		84.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
ı	CAS No.	Analyte	Concentration	C	Q	M	
					<del></del>	<u>                                     </u>	
	_7429-90-5	Aluminum	<del> </del>			NR	
	7440-36-0	Antimony		<del></del>		NR	
	7440-38-2	Arsenic				NR	
	7440-39-3	Barium				NR	
	7440-41-7	Beryllium		<del></del>		NR NR	
	7440-43-9	Cadmium		<del></del>		NR	
	7440-70-2	Calcium	<u> </u>		_	- NR	
	7440-47-3	Chromium				NR	
	7440-48-4 7440-50-8	Cobalt				NR	
	7439-89-6	CopperIron				NR	
	7439-89-0	Lead	<del>                                     </del>	<del></del>		NR NR	
	7439-92-1	Magnesium				NR	
	7439-96-5	Manganese Manganese	<del> </del>			NR	
	7439-97-6	Mercury		···		NR	
	7440-02-0	Nickel	<del> </del>			NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver				NR	
	7440-23-5	Sodium				NR	
	7440-28-0	Thallium				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.28	U	N	CA	
lor Before:			Clarity Before:				Texture:
lor After:	<del></del>		Clarity After:				Artifacts:
mments:							
	<del></del>						

FORM I - IN

SW846

EPA SAMPLE NO.

15D9510

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-16B

Sample wt/vol:

Lab Code: MITKEM

5.1 (g/mL) G

Lab File ID: V4B3074

Level: (low/med)

MED

Date Received: 08/21/02

% Moisture: not dec. 14

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 40.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	2300 5500 91000 390000	U
l		1

EPA SAMPLE NO.

15D9510

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-16A

Sample wt/vol:

30.1 (q/mL) G

Lab File ID: S2C9078

Level:

(low/med)

LOW

Date Received: 08/21/02

% Moisture: 14

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 08/30/02

Injection Volume:

1.0(uL)

Dilution Factor: 8.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N

pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or			Q
	Naphthalene			38000	
	2-Methylnaphtl			11000	
208-96-8	Acenaphthylene	}		610	J
83-32-9	Acenaphthene			3100	Ū.
132-64-9	Dibenzofuran			3100	ט
86-73-7	Fluorene			1200	J
85-01-8	Phenanthrene			3600	
120-12-7	Anthracene			380	J
206-44-0	Fluoranthene		1	1100	J
129-00-0	Pyrene		{	1400	J
	Benzo(a) anthra	cene		440	J
218-01-9	Chrysene			480	J
	Benzo (b) fluora	nthene		340	J
	Benzo (k) fluora			3100	υ
50-32-8	Benzo (a) pyrene	<del></del>		3100	ប
193-39-5	Indeno (1, 2, 3-c	d)pyrene		3100	U
53-70-3	Dibenzo (a, h) an	thracene		3100	U
	Benzo(g,h,i)pe		_		U
			I		

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1248
Matrix: (soil/water) WATER	Lab Sample ID: A1248-16B
Sample wt/vol: 5.000 (g/ $\pi$ L) ML	Lab File ID: V6C2457
Level: (low/med) LOW	Date Received: 08/21/02
% Moisture: not dec.	Date Analyzed: 08/29/02
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 16.0
Soil Extract Volume:(uL)	Soil Aliquot Volume:(uL
	CONCENTRATION UNITS:

CAS NO.	COMPOUND	(dg/H Of d	9/149) 03/11	l	Q
		)		16 60 1200 6000	U

EPA SAMPLE NO.

Q

15D9510 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Matrix: (soil/water) WATER Lab Sample ID: A1248-16A Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0614 Level: (low/med) LOW Date Received: 08/21/02 % Moisture: decanted: (Y/N) Date Extracted: 08/23/02 Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/28/02 Dilution Factor: 1.0 Injection Volume: 1.0(uL)

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

91-20-3Naphthalene	290	
91-57-62-Methylnaphthalene	15	J
208-96-8Acenaphthylene	33	lσ
83-32-9Acenaphthene	33	Ū
132-64-9Dibenzofuran	<sup>-</sup>   33	U
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	
120-12-7Anthracene	33	1
206-44-0Fluoranthene	33	-
129-00-0Pyrene	33	
56-55-3Benzo(a) anthracene	33	_
218-01-9Chrysene	33	_
205-99-2Benzo(b) fluoranthene	33	Ū
207-08-9Benzo(k) fluoranthene	33	Ū
50-32-8Benzo(a)pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	-  33	Ū
53-70-3Dibenzo(a,h)anthracene	33	Ü
191-24-2Benzo(g,h,i)perylene	] 33	Ū
	-[	
·	·   ————	

# U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA	~		TAT	_	T. T	$\overline{}$
PPA	-> 4	a ron	$\mathbf{r}$	-	N	

Name:	MITKEM_CO	ORPORATION	Cont	ract:			15D9	9510
Code:	MITKEM	Case No.:		SAS No.	. <b>:</b>		SDG No.:	A1248_
trix (soil/v	ater):	SOIL			Lab Samp	ole ID:	A1248-	16A
vel (low/m	ed):	MED			Date Rece	eived:	08/21/02	2
Solids:		86.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum			<del></del>	NR		
	7440-36-0	Antimony		-+-		NR		
	7440-38-2	Arsenic Arsenic				NR		
	7440-39-3	Barium	<del></del>			NR		
	7440-41-7	Beryllium				NR		
	7440-43-9	Cadmium				NR		
	7440-70-2	Calcium	<del> </del>			NR		
	7440-47-3	Chromium				NR		
	7440-48-4	Cobalt				NR		
	7440-50-8	Copper				NR		
	7439-89-6	Iron				NR		
	7439-92-1	Lead				NR		
	7439-95-4	Magnesium				NR		
	7439-96-5	Manganese				NR		
	7439-97-6	Метсигу				NR		
	7440-02-0	Nickel				NR		
	7440-09-7	Potassium		_	<u></u>	_NR		
	_7782-49-2	Selenium				_ NR		
	7440-22-4	Silver				_NR		
	7440-23-5	Sodium			<u></u> .	NR		
	7440-28-0	Thallium				_NR		
	7440-62-2	Vanadium				NR]		
	_7440-66-6	Zinc		<u>-</u>		NR		
		Cyanide	0.27	U	NJ	_ CA		
	L	1			<u>.</u>			
lor Before:	<del></del>	<del></del>	Clarity Before:				Texture:	
lor After:		<del></del>	Clarity After:		<del> </del>		Artifacts:	
mments:								

FORM I - IN

SW846

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1248
Matrix: (soil/water) SOIL	Lab Sample ID: Al248-18B
Sample wt/vol: 5.0 (g/mL) G	Lab File ID: V4B3090
Level: (low/med) LOW	Date Received: 08/21/02
% Moisture: not dec. 16	Date Analyzed: 08/27/02
GC Column: RTX-502.2 ID: 0.53 (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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 U 2 2 4

EPA SAMPLE NO.

15D6777

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-18A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S2C8901

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATIO	ON Contract:		15D6777	
Lab Code: MITKEM Case No		SDG	No.: A1248	<u> </u>
Matrix: (soil/water) WATER	Lie	ab Sample ID:	A1248-18B	
Sample wt/vol: 5.000	(g/mL) ML La	ab File ID:	V6C2489	
Level: (low/med) LOW	Da	ate Received:	08/21/02	
% Moisture: not dec.	Da	ate Analyzed:	08/30/02	
GC Column: DB-624 ID: 0.	25 (mm) Di	ilution Facto	r: 1.0	
Soil Extract Volume:	_(uL) Sc	oil Aliquot V	olume:	(uL)
CAS NO. COMP		RATION UNITS: c ug/Kg) UG/L	Q	
71-43-2Benze 108-88-3Tolue 100-41-4Ethy 1330-20-7Xyle	ene 1benzene		1 U 1 U 1 U 1 U	

EPA SAMPLE NO.

15D6777

Lab Name: MITKEM CORPORATION Contract: SDG No.: A1248 SAS No.: Case No.: Lab Code: MITKEM Lab Sample ID: A1248-18A Matrix: (soil/water) WATER Lab File ID: S1D0616 300.0 (q/mL) ML Sample wt/vol: Date Received: 08/21/02 (low/med) LOW Level: Date Extracted: 08/23/02 decanted: (Y/N)\_\_\_\_ % Moisture: Date Analyzed: 08/28/02 1000 (uL) Concentrated Extract Volume: Dilution Factor: 1.0 Injection Volume: 1.0 (uL)

pH:

(Y/N) N GPC Cleanup: CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q COMPOUND CAS NO. 33 U 91-20-3-----Naphthalene 33 U 91-57-6-----2-Methylnaphthalene 33 U 208-96-8-----Acenaphthylene 33 U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33 U 86-73-7-----Fluorene 33 U 85-01-8-----Phenanthrene 33 U 120-12-7-----Anthracene\_ 33 U 206-44-0-----Fluoranthene 33 U 129-00-0-----Pyrene 33 U 56-55-3-----Benzo (a) anthracene 33 U 218-01-9-----Chrysene 33 | U 205-99-2----Benzo (b) fluoranthene 33 U 207-08-9-----Benzo(k)fluoranthene\_ 33 U 50-32-8-----Benzo (a) pyrene\_ 193-39-5----Indeno(1,2,3-cd)pyrene 33 U 33 U 53-70-3-----Dibenzo(a,h)anthracene\_ 33 \U 191-24-2-----Benzo(g,h,i)perylene\_

### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	MITKEM_CO	ORPORATION	Cont	ract:			15D6777
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1248_
Matrix (soil/w	ater):	SOIL		L	ab Samp	ole ID:	A1248-18A
evel (low/me	ed):	MED		D	ate Rece	eived:	08/21/02
% Solids:		84.0					
	Concentration	Units (ug/L or mg.	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum				NR	
	7440-36-0	Antimony		11	_	NR	
	7440-38-2	Arsenic				NR	
	7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR]	
	7439-89-6	lron				NR]	
	7439-92-1	Lead				[NR]	
	7439-95-4	Magnesium_				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	,
	7440-09-7	Potassium				_NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver				NR	
	_7440-23-5	Sodium				NR	
	_7440-28-0	Thallium				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc		<del>-   .   .  </del>		NR	
		Cyanide	0.25	U_	N	CA	
	<u> </u>						
Color Before:			Clarity Before:				Texture:
Color After:	<del></del>	·	Clarity After:				Artifacts:
Comments:							

FORM I - IN

SW846

EPA SAMPLE NO.

MW16I911

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1566

Matrix: (soil/water) SOIL

Lab Sample ID: A1566-01B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V3A6806

Level: (low/med) LOW

Date Received: 10/26/02

% Moisture: not dec. 20

Date Analyzed: 10/29/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene	1 1	U U
1330-20-7Xylene (Total)	1	ŭ

EPA SAMPLE NO.

MW16I911

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1566

Matrix: (soil/water) SOIL

Lab Sample ID: A1566-01A

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: S3C0192

Level: (low/med) LOW

Date Received: 10/26/02

% Moisture: 20 decanted: (Y/N) N

Date Extracted:11/06/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 11/08/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CAS NO.	COMPOUND	(ug/L or ug/	Kg) UG/KG	Q
91-20-3	Naphthalene		410	U
91-57-6	2-Methylnaphthal	ene	410	ט
208-96-8	Acenaphthylene		410	U
83-32-9	Acenaphthene		410	Ū
132-64-9	Dibenzofuran		410	U
	Fluorene	***	410	ַ ע
85-01-8	Phenanthrene		410	טן
120-12-7	Anthracene		410	ן ט
206-44-0	Fluoranthene	<u> </u>	81	J
129-00-0	Pyrene		84	J
56-55-3	Benzo(a)anthrace	ne	54	J
218-01-9	Chrysene		59	J
205-99-2	Benzo(b) fluorant	hene	140	∖J
207-08-9	Benzo(k) fluorant	hene	54	J
50-32-8	Benzo (a) pyrene		100	J
193-39-5	Indeno (1, 2, 3-cd)	ругеле		J
53-70-3	Dibenzo (a, h) anth	racene		ប <b>ៗ</b>
	Benzo(q,h,i)pery		79	J
	-57 7-711			]

EPA SAMPLE NO.

MW16I911 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1566 Matrix: (soil/water) WATER Lab Sample ID: A1566-01B Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2F3760 Level: (low/med) LOW Date Received: 10/26/02 % Moisture: not dec. Date Analyzed: 11/06/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: \_\_\_\_(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 71-43-2----Benzene 1 U 108-88-3-----Toluene 1 3 U 100-41-4-----Ethylbenzene 1330-20-7-----Xylene (Total)

MW16I911

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: A1566

Matrix: (soil/water) WATER

Lab Sample ID: A1566-01A

Lab Code: MITKEM

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S3C0188

Level: (low/med) LOW

Date Received: 10/26/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted:11/07/02

Concentrated Extract Volume:

CONCENTRATION UNITS:

Date Analyzed: 11/08/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

1000 (uL)

CAS NO.	COMPOUND	(ug/L or	ug/Kg)		Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0	Naphthalene2-MethylnaphtAcenaphthylerAcenaphtheneDibenzofuranFluorenePhenanthreneAnthracene	halene ne		33 33 33 33 33 33 33 33	0 0 0 0 0 0
218-01-9 205-99-2 207-08-9 50-32-8 193-39-5 53-70-3	PyreneBenzo(a)anthrChryseneBenzo(b)fluorBenzo(k)fluorBenzo(a)pyrenIndeno(1,2,3Dibenzo(a,h)a	ranthene ranthene ne cd) pyrene nthracene		33 33 33 33 33 33 33	บ บ บ บ บ

### U.S. EPA - CLP

# INORGANIC ANALYSIS DATA SHEET

EPA	SAMPL	E NO.

Name:	MITAEM_C	ORPORATION		ntract;			
Code:	MITKEM	Case No.:		SAS No.	<del>-</del>		SDG No.: A1566_
trix (soil/v	vater):	SOIL			Lab Samp	le ID:	A1566-01A
el (low/m	ed):	MED			Date Rece	ived:	10/26/02
olids:		80.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	_7429-90-5	Aluminum				NR	
	7440-36-0			-		NR	
	7440-38-2			+		NR	
	7440-39-3	Barium_	_			NR	
	7440-39-3					NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium	I			NR	
	7440-47-3	Chromium_	=1		•	NR	
	7440-48-4	Cobalt				NR	
	7440-50-8					NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	1 -				NR	
	7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR	
	_7782-49-2	Selenium	1			NR	
	7440-22-4	Silver			<del>.</del>	NR	
	_7440-23-5	Sodium				NR	
	_7440-28-0	Thallium				NR.	
	_7440-62-2	Vanadium				NR	
	_7440-66-6	Zinc	_			NR	
		Cyanide	0.29	U_		CA	
			<del></del>				
or Before:		<del></del>	Clarity Before:	_			Texture:
or After:	<del></del>		Clarity After:	_			Artifacts:
nments:							
mionio.							

COMPOUND

CAS NO.

EPA SAMPLE NO.

Q

MW16I3941 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1566 Matrix: (soil/water) SOIL Lab Sample ID: A1566-02B Sample wt/vol: 5.2 (q/mL) GLab File ID: V3A6797 Level: (low/med) Date Received: 10/26/02 % Moisture: not dec. 21 Date Analyzed: 10/28/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

71-43-2-----Benzene 1 U 108-88-3-----Toluene 1 0 100-41-4-----Ethylbenzene 1 0 1330-20-7-----Xylene (Total) 1 U

(ug/L or ug/Kg) UG/KG

MW16I3941

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1566

Matrix: (soil/water) SOIL

Lab Sample ID: A1566-02A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3C0193

Level: (low/med) LOW

Date Received: 10/26/02

% Moisture: 21 decanted: (Y/N) N

Date Extracted:11/06/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 11/08/02

CONCENTRATION UNITS:

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

COMPOUND	(ug/L or u	g/Kg)	UG/KG	Q
Naphthalene2-MethylnaphtAcenaphthylerAcenaphthenePhenanthrenePhenanthrenePyreneBenzo(a)anthreneBenzo(b)fluor	halene ne racene anthene		410 410 410 410 410 410 410 410 410 410	ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט
Chrysene Benzo(b)fluor Benzo(k)fluor	anthene	_ _ _ _	410 410 410	บ บ
Indeno (1, 2, 3- Dibenzo (a, h) a	cd)pyrene nthracene	-  -  -	410 410	ប
	Naphthalene2-MethylnaphtAcenaphthylerAcenaphthenePluorenePhenanthrenePyreneBenzo(a)anthrBenzo(b)fluorBenzo(a)pyrenBenzo(a)pyrenIndeno(1,2,3	Naphthalene2-MethylnaphthaleneAcenaphthyleneAcenaphthenePhenanthreneFluorantheneFluoranthenePyreneBenzo(a)anthracene	Naphthalene2-MethylnaphthaleneAcenaphthyleneAcenaphthenePlibenzofuranPhenanthreneAnthracenePluoranthenePyreneBenzo(a)anthraceneBenzo(b)fluorantheneBenzo(a)pyreneBenzo(a)pyreneIndeno(1,2,3-cd)pyrene	Naphthalene 4102-Methylnaphthalene 410Acenaphthylene 410Acenaphthene 410Pluorene 410Phenanthrene 410Phenanthrene 410Pyrene 410Benzo(a)anthracene 410Benzo(b)fluoranthene 410Benzo(b)fluoranthene 410Benzo(a)pyrene 410Benzo(a)pyrene 410Benzo(a, h) anthracene 410

EPA SAMPLE NO.

MW16I3941 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1566 Matrix: (soil/water) WATER Lab Sample ID: A1566-02B Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V2F3761 Level: (low/med) LOW Date Received: 10/26/02 % Moisture: not dec. \_ \_\_\_ Date Analyzed: 11/06/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: \_\_\_\_(uL) CONCENTRATION UNITS:

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

 71-43-2-----Benzene
 1
 U

 108-88-3-----Toluene
 1
 U

 100-41-4-----Ethylbenzene
 1
 U

 1330-20-7-----Xylene
 (Total)
 1

Lab Name: MITKEM CORPORATION Contract:

CONCENTRATION UNITS:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1566

Matrix: (soil/water) WATER Lab Sample ID: A1566-02A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S3C0189

Level: (low/med) LOW Date Received: 10/26/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:11/07/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/08/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

CAS NO.	COMPOUND	(ug/L or ug	g/Kg) UG/L		Q
	Naphthalene			33	
	2-Methylnapht		-	33	U
208-96-8	Acenaphthylen	e	-	33	U
83-32-9	Acenaphthène		_	33	U
	Dibenzofuran		-	33	U
	Fluorene		-	33	U
	Phenanthrene		-	33	U
120-12-7	Anthracene —		-	33	U
	Fluoranthene		-1	33	U
129-00-0	Pyrene —		-	33	U
56-55-3	Benzo(a)anthr	acene	-	33	U
218-01-9	Chrysene		-	33	U
205-99-2	Benzo(b)fluora	anthene	<b>"</b>	33	U
207-08-9	Benzo (k) fluora	anthene	<u>-</u>	33	U
50-32-8	Benzo(a)pyrene	e	<b>-</b>	33	U
193-39-5	Indeno (1, 2, 3-c	cd) pyrene	-	33	U
53-70-3	Dibenzo(a,h)aı	nthracene	-	33	U
191-24-2	Benzo(g,h,i)pe	erylene	-	33	U

### U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO					
	TTD 4	C 4	1401	•	ATA.
	FPA	. A	MPI		NII

Name:	MITKEM_C	ORPORATION	Co	ntract:			MW16I3941
Code:	MITKEM	Case No.:	<del></del>	SAS No.	:	<del></del>	SDG No.: A1566_
trix (soil/w	rater):	SOIL			Lab Samp	le ID:	A1566-02A
el (low/me	ed):	MED			Date Rece	ived:	10/26/02
Solids:		79.0					
	Concentration	Units (ug/L or mg.	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	_7429-90-5	Aluminum_			<del></del>	NR	
	7429-90-3 _7440-36-0			<del>  </del>		NR	
	7440-38-2	1		-	<del>.                                      </del>	NR	
	7440-39-3					NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	_7440-47-3	Chromium_	_;			NR	
	7440-48-4	Cobalt				NR	
	_7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
	_7439-92-1	Lead				NR	
	_7439-95-4	Magnesium				NR	
	_7439-96-5	Manganese				NR	
	_7439-97-6	Mercury				NR	
	_7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR.	
	_7782-49-2	Selenium	<u> </u>	_	<del>,</del>	NR	
	_7440-22-4	Silver				NR	
	_7440-23-5	Sodium				NR	
	7440-28-0	Thallium				NR	
	_7440-62-2	Vanadium	<del> </del>			NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.29	U_		CA	
		·					
or Before:			Clarity Before:	_	<del></del>		Texture:
or After:			Clarity After:		<del></del>		Artifacts:
nments:							

FORM I - IN

EPA SAMPLE NO.

1805255

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

EM Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-04B

Sample wt/vol:

5.2 (g/mL) G

Lab File ID: V4B3141

Level: (low

(low/med) MED

Date Received: 08/22/02

% Moisture: not dec. 13

Date Analyzed: 08/29/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	280 280 14000 5200	

1805255

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-04A

Sample wt/vol:

Lab Code: MITKEM

30.5 (g/mL) G

Case No.:

Lab File ID: S1D0745

Level:

(low/med) LOW Date Received: 08/22/02

% Moisture: 13

decanted: (Y/N) N

Date Extracted: 08/24/02

Concentrated Extract Volume:

5000 (址)

Date Analyzed: 09/04/02

Injection Volume:

1.0 (uL)

Dilution Factor: 20.0

CONCENTRATION UNITS:

GPC Cleanup:

(Y/N) N

pH:

CAS NO.	COMPOUND	(ug/L o	r ug/Kg)		Q
91-20-3	Naphthalene			320000	
91-57-6	2-Methylnaphth	alene		220000	
208-96-8	Acenaphthylene	· · · · · · · · · · · · · · · · · ·	i	210000	\ <del></del>
83-32-9	Acenaphthene			41000	
132-64-9	Dibenzofuran	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		12000	
	Fluorene			140000	]
85-01-8	Phenanthrene			320000	
	Anthracene			100000	
	Fluoranthene		i	86000	( <del></del> -
129-00-0	Pyrene			140000	
	Benzo (a) anthra	cene		46000	
	Chrysene		j	47000	
	Benzo(b) fluora	nthene		27000	J
	Benzo(k) fluora			13000	_
	Benzo (a) pyrene			35000	
193-39-5	Indeno (1, 2, 3-c	d) pyrene		7500	
	Dibenzo(a,h)an			38000	-
	Benzo(q,h,i)pe		<del></del>	6400	
	31	<u></u>			_

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	1805255 Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: Al254
Matrix: (soil/water) WATER	Lab Sample ID: A1254-04B
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID: V6C2620
Level: (low/med) LOW	Date Received: 08/22/02
% Moisture: not dec.	Date Analyzed: 09/03/02
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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 U U 170 96

EPA SAMPLE NO.

1805255

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1254

260

85 | J 28 J 88 J

Matrix: (soil/water) WATER

Lab Sample ID: A1254-04A

Sample wt/vol:

300.0 (g/mL) ML

Lab File ID: S1D0777

Level: (low/med) LOW Date Received: 08/22/02

% Moisture: decanted: (Y/N)

Date Extracted:08/27/02

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 09/05/02

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

50-32-8-----Benzo (a) pyrene

193-39-5-----Indeno(1,2,3-cd)pyrene\_ 53-70-3-----Dibenzo(a,h)anthracene\_

191-24-2----Benzo(g,h,i)perylene\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9	-2-Methylnaphthale -Acenaphthylene -Acenaphthene -Dibenzofuran -Fluorene -Phenanthrene -Anthracene -Fluoranthene -Pyrene -Benzo(a) anthracer -Chrysene -Benzo(b) fluoranth	ne	2100 750 1200 180 43 540 1300 400 430 860 320 330 190	J
207-08-9	-Benzo(k) fluoranth	nene	84	U

# U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

1805255	
	_

							1805255
Lab Name:	MITKEM_C	ORPORATION		ontract:	<del></del>		
Lab Code:	MITKEM	Case No.:		SAS No	.:		SDG No.: A1254
Matrix (soil/water):		SOIL			Lab Samp	le ID:	A1254-04A
Level (low/med):		MED			Date Rece	ived:	08/22/02
% Solids:		87.0					
	Concentration	Units (ug/L or mg	/kg dry weight):		-	-	MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
:							
	_7429-90-5	Aluminum				NR	
	_7440-36-0	Antimony				NR	
	_7440-38-2	Arsenic				NR	
	_7440-39-3	Barium				NR	
į	_7440-41-7	Beryllium				NR	
	_7440-43-9	Cadmium				NR	
	7440-70-2	Calcium		<u>                                 </u>		NR	
	7440-47-3	Chromium				NR NR	
	7440-48-4	Cobalt				NR NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron		<del></del>		NR	
	7439-92-1	Lead		<del>_</del> _	·-	NR	
	7439-95-4	Magnesium_				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury Nickel		-		NR	
	7440-02-0 7440-09-7		<del>- </del>			NR	
		Potassium Selenium				NR	
	7782-49-2	Silver		<u>_</u>		NR	
	7440-22-4 7440-23-5	Sodium				NR	
	7440-23-3 7440-28-0	Thallium			-	NR	
	7440-28-0	Vanadium				NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.27			CA	
			0.27				
Color Defe	-		Clarity Before				Texture:
Color Before:			Clarity Before:	_	<del></del>		
Color After:			Clarity After:	_			Artifacts:
Comments:							

sw846 0666

EPA SAMPLE NO.

18D8183

Lab Name: MITKEM CORPORATION

Contract:

\_\_\_\_

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-05B

Sample wt/vol:

5.1 (q/mL) G

Lab File ID: V4B3144

Level: (low

(low/med) MED

Date Received: 08/22/02

% Moisture: not dec. 19

Date Analyzed: 08/29/02

GC Column: RTX-502.2 ID: 0.53

Dilution Factor: 4.0

Soil Extract Volume:

5 (mL)

(mm)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	240 1500 12000 41000	ט 
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EPA SAMPLE NO.

18D8183

Lab Name: MITKEM CORPORATION

Contract:

 $\circ$ 

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-05A

Sample wt/vol:

30.6 (q/mL) G

Lab File ID:

CONCENTRATION UNITS:

(ug/L or ug/Kg) IG/KG

S1D0636

Level:

(low/med) LOW

Date Received: 08/22/02

% Moisture: 19

decanted: (Y/N) N

Date Extracted:08/24/02

Concentrated Extract Volume: 5000 (uL)

CAS NO.

Date Analyzed: 08/29/02

Injection Volume: 1.0(uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH:

CAD NO.	CONTOOND (49/11 Of 4	9/19/09/10	×
91-20-3	Naphthalene	390000	E
	2-Methylnaphthalene	280000	
	Acenaphthylene	140000	
	Acenaphthene	28000	
	Dibenzofuran	10000	
	Fluorene	100000	E.
	Phenanthrene	250000	
	Anthracene	91000	
	Fluoranthene	75000	
129-00-0		130000	
	Benzo(a) anthracene	56000	
	Chrysene	46000	
	Benzo(b) fluoranthene	40000	_
	Benzo(k)fluoranthene	18000	
	Benzo (a) pyrene	41000	
	Indeno(1,2,3-cd)pyrene	8700	<u>-</u>
	Dibenzo (a, h) anthracene	3300	士
	Benzo(q,h,i)perylene	8400	<del>}-</del>
		-	~

EPA SAMPLE NO.

18D8183DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-05ADL

Sample wt/vol:

30.6 (g/mL) G

Lab File ID: S1D0746

Level:

(low/med) LOW Date Received: 08/22/02

% Moisture: 19

CONCENTRATION UNITS:

decanted: (Y/N) N

Date Extracted:08/24/02

Concentrated Extract Volume: 5000(uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 50.0

GPC Cleanup:

(Y/N) N

pH: \_\_\_\_

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1254
Matrix: (soil/water) WATER	Lab Sample ID: A1254-05B
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID: V6C2618
Level: (low/med) LOW	Date Received: 08/22/02
Moisture: not dec.	Date Analyzed: 09/03/02
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 2.5
Soil Extract Volume:(uL)	Soil Aliquot Volume:(uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	6 54 200 800

EPA SAMPLE NO.

18D8183

Q

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1254

Matrix: (soil/water) WATER Lab Sample ID: A1254-05A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0776

Level: (low/med) LOW Date Received: 08/22/02

% Moisture: decanted: (Y/N) Date Extracted:08/27/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/05/02

Injection Volume: 1.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) N pH:

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

91-20-3-----Naphthalene 8300 l 91-57-6----2-Methylnaphthalene 2500 208-96-8-----Acenaphthylene 2200 83-32-9-----Acenaphthene  $180|\overline{J}$ 132-64-9-----Dibenzofuran 1000 U 86-73-7-----Fluorene 910 J 85-01-8----Phenanthrene 2300 120-12-7-----Anthracene 620 J 206-44-0----Fluoranthene 520 J 930 J 129-00-0-----Pyrene 56-55-3----Benzo (a) anthracene 300 J 218-01-9-----Chrysene 320 J 205-99-2-----Benzo (b) fluoranthene 170 J 207-08-9-----Benzo(k) fluoranthene 1000 U 50-32-8-----Benzo(a)pyrene 220 J 193-39-5----Indeno (1, 2, 3-cd) pyrene 1000 U 53-70-3-----Dibenzo (a, h) anthracene 1000 U 1000 ltr 191-24-2----Benzo(q,h,i)perylene

### U.S. EPA - CLP

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

18D8183	
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Lab Name:	MITKEM_CO	ORPORATION	Cont	ract:			18D8183
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1254
Matrix (soil/w	vater):	SOIL		L	ab Samp	le ID:	A1254-05A
Level (low/me	ed):	MED		D	ate Rece	ived:	08/22/02
% Solids:		81.0					
	Concentration	Units (ug/L or mg	/kg dry weight):	•••		-	MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum			<del></del>	NR	
	7440-36-0	Antimony				NR	
	7440-38-2	Arsenic				NR	
	7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver				NR	
	7440-23-5	Sodium				NR	
	7440-28-0	Thallium				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.28	Ü		CA	

sw846 0667

Artifacts:

Clarity After:

Color After:

Comments:

EPA SAMPLE NO.

18D8797

Lab Name: MITKEM CORPORATION

Contract:

SDG No.: A1254

Lab Code: MITKEM

Case No.:

SAS No.:

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-06B

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V4B3153

Level: (low/med) LOW

COMPOUND

Date Received: 08/22/02

% Moisture: not dec. 21

Date Analyzed: 08/29/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

CAS NO.

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 1 1 1	บ บ บ
<u>-</u>		

EPA SAMPLE NO.

18D8797

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-06A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S1D0631

Level: (low/med) LOW

Date Received: 08/22/02

% Moisture: 21 decanted: (Y/N) N

Date Extracted: 08/24/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/29/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATION U		Q
208-96-8	2-MethylnaphthalAcenaphthyleneAcenaphtheneDibenzofuranFluorenePhenanthreneAnthraceneFluoranthenePyreneBenzo(a)anthrace	nehenepyreneracene	420 420 420 420 420 420 420 420 420 420	ממממממממממממממ

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: Al254
Matrix: (soil/water) WATER	Lab Sample ID: A1254-06B
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID: V6C2592
Level: (low/med) LOW	Date Received: 08/22/02
Moisture: not dec.	Date Analyzed: 09/02/02
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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 U 1 U 1 U 1 U

EPA SAMPLE NO.

18D8797

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1254

Matrix: (soil/water) WATER Lab Sample ID: A1254-06A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0653

Level: (low/med) LOW Date Received: 08/22/02

% Moisture: \_\_\_\_ decanted: (Y/N) \_\_\_ Date Extracted:08/27/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/30/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

	<u> </u>	
91-20-3Naphthalene	33	บ
91-57-62-Methylnaphthalene	33	บ
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	ប
132-64-9Dibenzofuran	33	ับ
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	Ū
120-12-7Anthracene	33	Ū
206-44-0Fluoranthene	33	บ
129-00-0Pyrene	33	บ
56-55-3Benzo (a) anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo(b) fluoranthene	33	Ū
207-08-9Benzo (k) fluoranthene	33	
50-32-8Benzo (a) pyrene	33	
193-39-5Indeno (1, 2, 3-cd) pyrene	33	Ū
53-70-3Dibenzo (a, h) anthracene	33	Ū
191-24-2Benzo(g,h,i)perylene	33	U
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### U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

b Name:	MITKEM_C	ORPORATION	Contr	act:			18D8797
b Code:	MITKEM	Case No.:		SAS No.:		<del></del>	SDG No.: A1254
ıtrix (soil/w	ater):	SOIL		L	ab Samp	le ID:	A1254-06A
vel (low/me	ed):	MED		D	ate Rece	ived:	08/22/02
Solids:		79.0					
	Concentration	Units (ug/L or mg	/kg dry weight):			-	MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum				NR	
	7440-36-0	Antimony				NR	
	_7440-38-2	Arsenic				NR	
	7440-39-3	Barium_			,	NR	
	_7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium			_	NR	
	7440-70-2	Calcium				NR	
	_7440-47-3	Chromium				NR	
	_7440-48-4	Cobalt				NR	
	7440-50-8	Copper		-	<del>-</del>	NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				NR NR	
:	7439-96-5	Manganese				NR	
	7439-97-6 7440-02-0	MercuryNickel			<del></del> -	-NR	
	7440-02-0	Potassium		<del></del>		NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver		—		NR	
	7440-23-5	Sodium				NR	
	7440-23-3	Thallium				NR	
		Vanadium		<del>-   -</del>		NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.31	U		CA	
			0.52				
or Before:			Clarity Before:				Texture:
or After:			Clarity After:				Artifacts:
							a parameter of a
iments:							

EPA SAMPLE NO.

RPGP262024 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1111 Matrix: (soil/water) SOIL Lab Sample ID: All11-01A Sample wt/vol: 5.3 (g/mL) GLab File ID: V4B2503 Level: (low/med) LOW Date Received: 07/20/02 % Moisture: not dec. 22 Date Analyzed: 07/23/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: \_\_\_\_(mL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kq) UG/KG Q 71-43-2----Benzene 1 | U 108-88-3-----Toluene 1 0 100-41-4----Ethylbenzene 1 U 1330-20-7-----Xylene (Total) 1 0

RPGP262024

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) SOIL

Lab Sample ID: All11-01A

Sample wt/vol:

30.1 (q/mL) G

Lab File ID:

S1C9976

Level: (low/med)

LOW

Date Received: 07/20/02

% Moisture: 22

decanted: (Y/N) N

Date Extracted: 07/22/02

Concentrated Extract Volume:

1000(uL)

Date Analyzed: 07/24/02

Injection Volume:

CAS NO.

1.0(uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH: \_\_

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

91-20-3Naphthalene 91-57-62-Methylnaphthalene 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Dibenzofuran 86-73-7Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0Pyrene 56-55-3Benzo(a) anthracene 218-01-9Chrysene 205-99-2Benzo(b) fluoranthene 207-08-9Benzo(a) pyrene 193-39-5Indeno(1,2,3-cd) pyrene 53-70-3Dibenzo(a,h) anthracene	420 420 420 420 420 420 420 420 420	ם טטטטטטטטטטטטטטטטטטטטטטטטטטטטטטטטטטטט
	420 420	, -

EPA SAMPLE NO.

RPGP271216

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

SDG No.: A1120

Lab Code: MITKEM

Matrix: (soil/water) SOIL

Case No.:

Lab Sample ID: Al120-04A

Lab File ID:

Sample wt/vol:

5.2 (g/mL) G

V4B2524

Level: (low/med) LOW

Date Received: 07/24/02

% Moisture: not dec. 17

Date Analyzed: 07/25/02

GC Column: RTX-502.2 ID: 0.53 (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

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	67 1 35 50	<del>U</del>
---	---------------------	--------------

RPGP271216

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) SOIL

Lab Sample ID: Al120-04A

Sample wt/vol:

30.1 (g/mL) G

Lab File ID:

S1D0108

Date Received: 07/24/02

Level: (low/med) LOW

decanted: (Y/N) N

Date Extracted:07/25/02

% Moisture: 17

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 07/29/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

91-20-3Naphthalene 91-57-62-Methylnaphthalene 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Dibenzofuran 86-73-7Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0Pyrene 56-55-3Benzo(a) anthracene 205-99-2Benzo(b) fluoranthene 207-08-9Benzo(b) fluoranthene 193-39-5Indeno(1,2,3-cd) pyrene 193-39-5

EPA SAMPLE NO.

RPGP273640

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) SOIL

Lab Sample ID: A1120-05A

Sample wt/vol:

5.2 (g/mL) G

Lab File ID: V4B2529

Level: (low/med) LOW

Date Received: 07/24/02

% Moisture: not dec. 22

Date Analyzed: 07/25/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 1 1	บ บ บ
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RPGP273640

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

SDG No.: Al120

Matrix: (soil/water) SOIL

Lab Sample ID: Al120-05A

Sample wt/vol:

Lab Code: MITKEM

30.2 (g/mL) G

Case No.:

Lab File ID: S1D0102

Level: (low/med) LOW

Date Received: 07/24/02

% Moisture: 22

decanted: (Y/N) N

Date Extracted: 07/25/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 07/29/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND (	ug/L or ug/Kg)	UG/KG	Q
91-20-3	Naphthalene		420	U
91-57-6	2-Methylnaphthaler	e	420	U
208-96-8	Acenaphthylene		420	U
83-32-9	Acenaphthene	<del></del>	420	U
132-64-9	Dibenzofuran		420	שׁוֹ
86-73-7	Fluorene		420	U
85-01-8	Phenanthrene		420	υ
	Anthracene		420	ן ט
206-44-0	Fluoranthene		420	ĺυ
129-00-0		<del></del>	420	UJ
	Benzo (a) anthracene		420	υ
	Chrysene		420	1
	Benzo(b) fluoranthe	ne l	420	
	Benzo(k) fluoranthe		420	_
	Benzo(a)pyrene		420	_
193-39-5	Indeno(1,2,3-cd)py	rene	420	
	Dibenzo(a,h)anthra		420	_
191-24-2	Benzo(g,h,i)peryle	ne	420	
T)T 64-6-4	benzo (g, n, r, per yre		420	•

EPA SAMPLE NO.

RPGP28A48

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al132

Matrix: (soil/water) SOIL Lab Sample ID: A1132-03B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V4B2640

Level: (low/med) LOW Date Received: 07/26/02

% Moisture: not dec. 22
Date Analyzed: 08/02/02

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

71-43-2-----Benzene 1 U
108-88-3-----Toluene 1 U
100-41-4-----Ethylbenzene 1 U
1330-20-7-----Xylene (Total) 7

RPGP28A48

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: Al132-03A

Sample wt/vol:

30.2 (g/mL) G

Lab File ID:

S3B8767

Level: (low/med)

LOW

Date Received: 07/26/02

% Moisture: 22

decanted: (Y/N) N

 $1000\,({
m uL})$ 

Date Extracted: 07/29/02

Concentrated Extract Volume:

Date Analyzed: 08/02/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

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

91-20-3Naphthalene	420	U
91-57-62-Methylnaphthalene	420	ប
208-96-8Acenaphthylene	43	JJ
83-32-9Acenaphthene	420	ע
132-64-9Dibenzofuran	420	U
86-73-7Fluorene	420	Įυ
85-01-8Phenanthrene	47	J
120-12-7Anthracene	420	U
206-44-0Fluoranthene	420	υ
129-00-0Pyrene	56	J
56-55-3Benzo (a) anthracene	420	U
218-01-9Chrysene	420	U
205-99-2Benzo(b) fluoranthene	420	D T
207-08-9Benzo(k)fluoranthene	420	UI
50-32-8Benzo (a) pyrene	420	以丁
193-39-5Indeno(1,2,3-cd)pyrene	420	Ui
53-70-3Dibenzo(a,h)anthracene	420	ひ子
191-24-2Benzo(g,h,i)perylene	420	UJ

RPGP28A2024

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al132

Matrix: (soil/water) SOIL Lab Sample ID: A1132-04B

Sample wt/vol: 5.3 (q/mL) G Lab File ID: V1E8756

Level: (low/med) LOW Date Received: 07/26/02

% Moisture: not dec. 14
Date Analyzed: 08/01/02

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

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

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

CAS NO.	COMPOUND (	ug/L or ug/kg)	Q
74-87-3	Chloromethane		5 U
75-01-4	Vinyl Chloride		5 U
	Bromomethane		5 <b>U</b>
75-00-3	Chloroethane		5∤℧
75-35-4	1,1-Dichloroethene		5   T
67-64-1	Acetone		11
75-15-0	Carbon Disulfide		2 J
75-09-2	Methylene Chloride		7 B
156-60-5	trans-1,2-Dichloro	ethene	5 U
75-34-3	1,1-Dichloroethane		5 U 5 U
78-93-3	2-Butanone		5   T
156-59-2	cis-1,2-Dichloroet	hene	5 U
	Chloroform		5 U
71-55-6	1,1,1-Trichloroeth	ane	5∤Ծ
56-23-5	Carbon Tetrachloric	de	5 <b>U</b>
107-06-2	1,2-Dichloroethane		5 U
71-43-2			5 U
79-01-6	Trichloroethene		5 <b>U</b>
78-87-5	1,2-Dichloropro <del>pan</del> e	e	5 U
75-27-4	Bromodichlorometha	ne e	5 <b>U</b>
10061-01-5	cis-1,3-Dichloropro	opene	5 U
108-10-1	4-Methyl-2-pentanoi	ne	5 U
108-88-3			5 U
10061-02-6	trans-1,3-Dichloro	oropene	5   T
79-00-5	1,1,2-Trichloroeth	ane	5 U
	Tetrachloroethene		5 U
591-78-6	2-Hexanone		1 J
124-48-1	Dibromochloromethan	ne	5 U
108-90-7	Chlorobenzene		5 ס
100-41-4	Ethylbenzene		5   U
	Xylene (Total)		5 <b>U</b>
100-42-5	Styrene		5 U
75-25-2	Bromoform		5 <b>U</b>
	1,1,2,2-Tetrachloro	pethane	5 ប

FORM I VOA

RPGP28A2024

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: All32

Matrix: (soil/water) SOIL Lab Sample ID: A1132-04A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3B8856

Level: (low/med) LOW Date Received: 07/26/02

% Moisture: 14 decanted: (Y/N) N Date Extracted:07/29/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/07/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND (Ug/L OI	ug/kg)	UG/KG	Q
108-95-2	Phenol		380	U
111-44-4	bis(2-Chloroethyl)Ether		380	U
95-57-8	2-Chlorophenol		380	U
541-73-1	1,3-Dichlorobenzene	<u> </u>	380	ַוֹש
106-46-7	1,4-Dichlorobenzene	<del></del> }	380	ַּט
95-50-1	1,2-Dichlorobenzene		380	Ū
95-48-7	2-Methylphenol		380	U
108-60-1	2,2'-oxybis(1-Chloropropa	ne)	380	U
106-44-5	4-Methylphenol		380	U
621-64-7	N-Nitroso-di-n-propylamin	<u>e</u>	380	ĺυ
	Hexachloroethane		380	U
98-95-3	Nitrobenzene		380	U
78-59-1	Isophorone		380	ן ט
88-75-5	2-Nitrophenol		380	U
105-67-9	2,4-Dimethylphenol	<del></del> )	380	עׁ∖
120-83-2	2,4-Dichlorophenol		380	שׁ
	1,2,4-Trichlorobenzene		380	U
	Naphthalene		380	U
	4-Chloroaniline_		380	បែ
	bis(2-Chloroethoxy)methan	<u>e</u>	380	שׁ
	Hexachlorobutadiene		380	บ
	4-Chloro-3-Methylphenol_	{	380	υ
	2-Methylnaphthalene		380	ט
	Hexachlorocyclopentadiene		380	
	2,4,6-Trichlorophenol		380	
	2,4,5-Trichlorophenol	(	780	
	2-Chloronaphthalene		380	
	2-Nitroaniline	[	780	
	Dimethylphthalate		380	
	Acenaphthylene		380	
	2,6-Dinitrotoluene		380	
	3-Nitroaniline		780	
83-32-9	Acenaphthene		380	U
			[	

FORM I SV-1

OLM03.0

EPA SAMPLE NO.

RPGP28A2024

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: Al132-04A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S3B8856

Level: (low/med) LOW

Date Received: 07/26/02

% Moisture: 14 decanted: (Y/N) N Date Extracted:07/29/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/07/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	0
CED NO.	COMPONE	(49, 11 01 49, 19, 00, 10	×

	Γ	Τ
51-28-52,4-Dinitrophenol	780	שׁ
100-02-74-Nitrophenol	780	U
132-64-9Dibenzofuran	380	U
121-14-22,4-Dinitrotoluene	380	U
84-66-2Diethylphthalate	380	U
7005-72-34-Chlorophenyl-phenylether	380	υ
86-73-7Fluorene	380	ט
100-01-64-Nitroaniline	780	Jυ
534-52-14,6-Dinitro-2-methylphenol	780	U
86-30-6N-Nitrosodiphenylamine (1)	380	שׁ
101-55-34-Bromophenyl-phenylether	380	Įυ
118-74-1Hexachlorobenzene	380	U
87-86-5Pentachlorophenol	780	U
85-01-8Phenanthrene	380	U
120-12-7Anthracene	380	บ
86-74-8Carbazole	380	U
84-74-2Di-n-butylphthalate	380	ט
206-44-0Fluoranthene	380	U
129-00-0Pyrene	380	U
85-68-7Butylbenzylphthalate	380	U
91-94-13,3 -Dichlorobenzidine	380	U
56-55-3Benzo (a) anthracene	380	U
218-01-9Chrysene	380	U
117-81-7bis(2-Ethylhexyl)phthalate	380	U
117-84-0Di-n-octylphthalate	380	U
205-99-2Benzo(b) fluoranthene	380	U
207-08-9Benzo(k) fluoranthene	380	U
50-32-8Benzo (a) pyrene	380	U
193-39-5Indeno(1,2,3-cd)pyrene	380	U
53-70-3Dibenzo(a,h)anthracene	380	U
191-24-2Benzo(g,h,i)perylene	380	U
- Cannot be senarated from Dinhenylamine		

(1) - Cannot be separated from Diphenylamine

# SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

RPGP28A2024

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: A1132-04A

Sample wt/vol:

30.1 (q/mL) G

Lab File ID:

S3B8856

Level:

(low/med)

Date Received: 07/26/02

% Moisture: 14

LOW

decanted: (Y/N) N

Date Extracted: 07/29/02

Concentrated Extract Volume:

1000(uL)

Date Analyzed: 08/07/02

Injection Volume:

1.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH: \_\_\_\_

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT		CONC.	4
	SULFUR	17.69		860	ľ
	Someok				[
2		_			
J	-	-  <del></del> .		·	
Tt +	_	-			
5		-			
O		-			
7	-	-			
8					
9	-	-			
LU.		_			
l I a	_	-			
L <b>Z</b> .		-			
LJ.		-			
L-z		-			
LO.		-			
LO.		-			
L7.		-			
LÖ.					
L9		-			
L9		_	<del></del>		
5 ± •	_	-   <del></del>			
44.		-			
33.		-			<del></del> -
<b>24.</b>		_			
25.		_[			
40.		-[			
41.		_			
20					
29. <u></u>		_			
30.		_			

EPA SAMPLE NO.

RPGP28A4044

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: Al132

Matrix: (soil/water) SOIL

Lab Sample ID: Al132-05B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V4B2626

Level: (low/med) LOW

Date Received: 07/26/02

% Moisture: not dec. 21

Date Analyzed: 08/01/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

EPA SAMPLE NO.

RPGP28A4044

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: A1132-05A

Sample wt/vol:

30.4 (g/mL) G Lab File ID: S3B8769

Level: (low/med)

Date Received: 07/26/02

LOW

% Moisture: 21

decanted: (Y/N) N

Date Extracted: 07/29/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/02/02

420 U J

420 U T

Injection Volume: 1.0(uL)

53-70-3-----Dibenzo(a,h)anthracene

191-24-2-----Benzo(g,h,i)perylene

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATION UNI (ug/L or ug/Kg) U		Q	l
91-20-3	Naphthalene		420	U	
	2-Methylnapht	halene	420		
	Acenaphthylen		420	U	
	Acenaphthene		420	U	
132-64-9	Dibenzofuran		420		
06 73 7	TIL		400	l TT	

EPA SAMPLE NO.

RPSB09A12

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Sample wt/vol:

Lab File ID:

5.1 (q/mL) G

V4B2689

Level:

(low/med)

MED

Date Received: 07/26/02

Lab Sample ID: A1132-06B

% Moisture: not dec. 43

Date Analyzed: 08/06/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 20.0

100.0(uL)

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 170 108-88-3Toluene 290 100-41-4Ethylbenzene 11000 1330-20-7Xylene (Total) 3700	
--	--

RPSB09A12

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: A1132-06A

Sample wt/vol:

Lab File ID:

S3B8870

30.1 (g/mL) G

Level:

(low/med)

LOW

Date Received: 07/26/02

% Moisture: 43

decanted: (Y/N) N

Date Extracted: 07/29/02

Concentrated Extract Volume:

10000(址)

Date Analyzed: 08/07/02

Injection Volume:

CAS NO.

1.0 (uL)

Dilution Factor: 100.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CONCENTRATION UNITS:

COMPOUND

(ug/L or ug/Kg) UG/KG

91-20-3Naphthalene	3300000	
91-57-62-Methylnaphthalene	4300000	
208-96-8Acenaphthylene	780000	
83-32-9Acenaphthene	340000	J
132-64-9Dibenzofuran	200000	J
86-73-7Fluorene	1800000	
85-01-8Phenanthrene	5900000	
120-12-7Anthracene	1000000	
206-44-0Fluoranthene	1600000	
129-00-0Pyrene	3100000	
56-55-3Benzo(a)anthracene	960000	
218-01-9Chrysene	940000	
205-99-2Benzo (b) fluoranthene	560000	J
207-08-9Benzo(k) fluoranthene	200000	J
50-32-8Benzo (a) pyrene	560000	J
193-39-5Indeno(1,2,3-cd)pyrene	250000	J
53-70-3Dibenzo (a, h) anthracene	580000	ប
191-24-2Benzo(g,h,i)perylene	230000	J
		l

EPA SAMPLE NO.

Lab Name: MITKEM COR	RPORATION	Contract:	RPSB09A12	_
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: Al132	
Matrix: (soil/water)	WATER	Lab Sample	E ID: A1132-06B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File I	D: V6C1906	
Level: (low/med)	LOW	Date Recei	ved: 07/26/02	
% Moisture: not dec.		Date Analy	zed: 08/08/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution F	actor: 5.0	
Soil Extract Volume:	(uL)	Soil Aliqu	ot Volume:	_(uL)
CAS NO.	COMPOUND	CONCENTRATION UN (ug/L or ug/Kg)	·	
			13 J 38 580 200	

EPA SAMPLE NO.

RPSB09A12

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) WATER

Lab Sample ID: A1132-06A

Sample wt/vol:

300.0 (g/mL) ML

Lab File ID:

S1D0228

Level:

(low/med)

LOW

Date Received: 07/26/02

% Moisture: decanted: (Y/N)

Date Extracted: 08/01/02

Concentrated Extract Volume:

Injection Volume:

1.0(uL)

Date Analyzed: 08/05/02 Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH:

1000(uL)

CAS NO.

COMPOUND

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

Q

91-20-3----Naphthalene 170 30 丁 91-57-6----2-Methylnaphthalene 208-96-8-----Acenaphthylene 33 | U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33 J U 5 J 86-73-7----Fluorene 85-01-8-----Phenanthrene 6 J 120-12-7-----Anthracene 33 | U 206-44-0----Fluoranthene 33 U 33 U 129-00-0-----Pyrene 56-55-3-----Benzo (a) anthracene 33 U 218-01-9-----Chrysene 33 U 205-99-2----Benzo (b) fluoranthene 33 | U 207-08-9-----Benzo(k) fluoranthene 33 U 50-32-8-----Benzo (a) pyrene 33 | U 193-39-5-----Indeno(1,2,3-cd)pyrene 33 U 53-70-3-----Dibenzo (a, h) anthracene 33 U 191-24-2----Benzo(g,h,i)perylene 33 U

### U.S. EPA - CLP

		INO	INORGANIC ANALYSIS DATA SHEET				EPA SAMPLE NO.	
			C	≠n at:			RPSB0	9A12
Lab Name:	MITKEM_C	ORPORATION	Cont	ract.				
Lab Code:	MITKEM	Case No.:		SAS No.:	•		SDG No.:	A1132
Matrix (soil/wa	ater):	SOIL		L	ab Samj	ole ID:	A1132-0	06A
Level (low/me	d):	MED		D	ate Rec	eived:	07/26/02	2
% Solids:		57.0						
	Concentration	Units (ug/L or mg	/kg dry weight):	_			MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum				NR		
	7440-36-0					NR		
İ	_7440-38-2					NR		
	7440-39-3	Barium				NR		
	_7440-41-7	Beryllium				NR		
	_7440-43-9	Cadmium				NR		
	7440-70-2	Calcium				NR		
	7440-47-3	Chromium				NR		
	_7440-48-4	Cobalt				NR		
	_7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese			<del></del>	NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel		<del></del>		NR		
	_7440-09-7	Potassium			<del></del>	NR		
!	_7782-49-2	Selenium				NR		
	_7440-22-4	Silver				NR	•	
ļ	_7440-23-5	Sodium		-	<del></del>	NR		
	_7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium				NR		
	7440-66-6	Zinc				NR		
	<del></del>	Cyanide	0.41	U		CA		
		1						
Color Before:		<del></del>	Clarity Before:	<u> </u>			Texture:	<u></u>
Color After:			Clarity After:		<del>-</del>		Artifacts:	
Comments:								

SW846

EPA SAMPLE NO.

RPSB09A5565

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: Al132-07B

Sample wt/vol:

Lab Code: MITKEM

5.0 (g/mL) G

Lab File ID:

V4B2688

Level: (low/med)

MED

Date Received: 07/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Date Analyzed: 08/06/02

% Moisture: not dec. 21

Dilution Factor: 1.0

Soil Extract Volume:

5 (吡)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	63 63 1600 980	บ บ

EPA SAMPLE NO.

RPSB09A5565

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: A1132-07A

Sample wt/vol:

30,2 (q/mL) G

Lab File ID:

S3B8857

Level: (low/med) LOW

Date Received: 07/26/02

% Moisture: 21

decanted: (Y/N) N Date Extracted: 07/29/02

Concentrated Extract Volume:

10000 (uL) Date Analyzed: 08/07/02

Injection Volume: 1.0(uL)

CAS NO.

COMPOUND

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_

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

		<del></del>
91-20-3Naphthalene	250000	
91-57-62-Methylnaphthalene	12000	J
208-96-8Acenaphthylene	6400	J
83-32-9Acenaphthene	11000	J
132-64-9Dibenzofuran	2500	J
86-73-7Fluorene	27000	
85-01-8Phenanthrene	52000	
120-12-7Anthracene	16000	J
206-44-0Fluoranthene	24000	1
129-00-0Pyrene	47000	
56-55-3Benzo(a)anthracene	15000	J
218-01-9Chrysene	15000	J
205-99-2Benzo(b) fluoranthene	10000	J
207-08-9Benzo(k) fluoranthene	21000	U
50-32-8Benzo(a)pyrene	9300	J
193-39-5Indeno(1,2,3-cd)pyrene	4900	J
53-70-3Dibenzo (a, h) anthracene	21000	Ū
191-24-2Benzo(g,h,i)perylene	5500	J
	. l	

EPA SAMPLE NO.

Tala Managara (ANDARAMIA)	I Contract.		RPSB09A5565	
Lab Name: MITKEM CORPORATION	Contract:	1_		J
Lab Code: MITKEM Case No.	: SAS No.:	SDG N	No.: Al132	
Matrix: (soil/water) WATER	Lak	Sample ID:	A1132-07B	
Sample wt/vol: 5.000 (	(g/mL) ML Lab	File ID:	V6C1908	
Level: (low/med) LOW	Dat	e Received:	07/26/02	
% Moisture: not dec.	Dat	e Analyzed:	08/08/02	
GC Column: DB-624 ID: 0.2	:5 (mm) Dil	ution Factor	: 1.0	
Soil Extract Volume:	(uL) Soi	l Aliquot Vo	olume:	_(uL)
CAS NO. COMPO		ATION UNITS: ug/Kg) UG/L	Q	
71-43-2Benze 108-88-3Tolue 100-41-4Ethyl 1330-20-7Xylen	ene benzene		3 J 1 J 16	

RPSB09A5565

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) WATER

Lab Sample ID: A1132-07A

Sample wt/vol:

300.0 (g/mL) ML Lab File ID: S1D0229

Level: (low/med) LOW

Date Received: 07/26/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/01/02

Concentrated Extract Volume: 1000(uL)

CAS NO.

Date Analyzed: 08/05/02

Injection Volume: 1.0(uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

0

	1 -	
91-20-3Naphthalene	150	ļ
91-57-62-Methylnaphthalene	33	Ū
208-96-8Acenaphthylene	33	υ
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	Ū
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo(a)anthracene	33	U
218-01-9Chrysene	33 (	U
205-99-2Benzo (b) fluoranthene	33	U
207-08-9Benzo(k)fluoranthene	33	U
50-32-8Benzo(a)pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	U

# U.S. EPA - CLP

### l INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name:	MITKEM_CO	ORPORATION	Cont	ract:		<del>_</del>	RPSB09	45565 
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1132
Matrix (soil/wa	iter):	SOIL		I	ab Samp	ole ID:	A1132-0	)7A
Level (low/med	<b>1</b> ):	MED		Ľ	Date Reco	eived:	07/26/02	!
% Solids:		79.0						
	Concentration	Units (ug/L or mg.	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7420.00.5	Aluminum_				NR		
ŀ	_7429-90-5 _7440-36-0	Antimony	<del></del>			NR		
ŀ	7440-36-0 _7440-38-2	Anumony Arsenic				NR		
ŀ	_7440-38-2 _7440-39-3	Barium				NR		
l	_7440-41-7	Beryllium				NR		
	7440-43-9	Cadmium				NR		
	_7440-70-2 <u></u>	Calcium				NR		
	_7440-47-3	Chromium				NR		
	_7440-48-4	Cobalt				NR		
	_7440-50-8	Copper				NR		
ĺ	7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese				NR		
!	_7439-97-6	Mercury				NR		
1	_7440-02-0	Nickel				NR		
ļ	_7440-09-7	Potassium				NR.		
	_7782-49-2	Selenium				NR		
	_7440-22-4	Silver				NR		
	_7440-23-5	Sodium				NR		
	_7440-28-0	Thallium	<del> </del>			NR NR		
	_7440-62-2	Vanadium		<del></del>		NR		
	_7440-66-6	Zinc				NR CA		
		Cyanide	2.3			CA		
'			<u> </u>					
Color Before:	· <del></del>		Clarity Before:		<del></del>		Texture:	
Color After:	v		Clarity After:				Artifacts:	
Comments:								
			<u> </u>					

SW846

EPA SAMPLE NO.

RPSB09A812

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: Al132

Matrix: (soil/water) SOIL

Lab Sample ID: Al132-08A

Sample wt/vol:

5.2 (g/mL) G

Lab File ID:

V4B2687

Level:

(low/med)

Date Received: 07/26/02

% Moisture: not dec. 20

MED

Date Analyzed: 08/06/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	110 79 3700 3400	
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EPA SAMPLE NO.

me: MITKEM COR	PORATION	Contract:	<u> </u>	RPSB09A812	
de: MITKEM	Case No.:	SAS No.:	SDG 1	No.: A1132	
: (soil/water)	WATER	Lab Sam	ple ID:	A1132-08B	
wt/vol:	5.000 (g/mL) ML	Lab Fil	e ID:	V6C1898	
(low/med)	LOW	Date Re	ceived:	07/26/02	
ture: not dec.		Date An	alyzed:	08/08/02	
umn: DB-624	ID: 0.25 (mm)	Dilutio	n Factor	c: 1.0	
xtract Volume:	(uL)	Soil Al	iquot Vo	olume:	(uL)
CAS NO.	COMPOUND			Q	
108-88-3	Toluene Ethylbenzene			4 J 4 J 64	
	de: MITKEM : (soil/water) wt/vol:     (low/med) ture: not dec. umn: DB-624 xtract Volume:  CAS NO.  71-43-2 108-88-3 100-41-4	de: MITKEM Case No.: : (soil/water) WATER  wt/vol: 5.000 (g/mL) ML	de: MITKEM       Case No.:       SAS No.:         : (soil/water)       WATER       Lab Sam         wt/vol:       5.000 (g/mL)       ML       Lab Fil         (low/med)       LOW       Date Re         ture:       not dec.       Date An         umn:       DB-624       ID: 0.25 (mm)       Dilution         xtract Volume:	de: MITKEM Case No.: SAS No.: SDG No.:	MITKEM CORPORATION   Contract:

RPSB09A812

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) SOIL

Lab Sample ID: A1132-08A

Sample wt/vol:

Lab File ID:

S3B8858

Level:

Concentrated Extract Volume:

30.1 (g/mL) G

Date Received: 07/26/02

Q

(low/med) LOW

decanted: (Y/N) N

Date Extracted: 07/29/02

% Moisture: 20

10000 (uL)

Date Analyzed: 08/07/02

Injection Volume: 1.0(uL)

CAS NO.

COMPOUND

Dilution Factor: 3.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

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

91-20-3	Naphthalene	99000	
	2-Methylnaphthalene	42000	
	Acenaphthylene	11000	J
	Acenaphthene	6600	J
	Dibenzofuran	2900	J
86-73-7	Fluorene	23000	
85-01-8	Phenanthrene	81000	
	Anthracene	14000	
206-44-0	Fluoranthene	32000	
129-00-0		56000 <sup>-</sup>	
	Benzo (a) anthracene	17000	
	Chrysene	T 18000 T	
	Benzo (b) fluoranthene	13000	
	Benzo(k)fluoranthene	-  12000  t	<del>J</del>
50-32-8	Benzo(a)pyrene	10000	J
193-39-5	Indeno(1,2,3-cd)pyrene	6700	
53-70-3	Dibenzo(a,h)anthracene	1500	J
	Benzo(g,h,i)perylene	7600 3	J

EPA SAMPLE NO.

RPSB09A812
i

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) WATER

Lab Sample ID: A1132-08A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID:

S1D0230

Level: (low/med) LOW

Injection Volume: 1.0(uL)

CAS NO.

Date Received: 07/26/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/01/02

Concentrated Extract Volume: 1000(uL)

COMPOUND

Date Analyzed: 08/05/02

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

<u> </u>		T
91-20-3Naphthalene	120	]
91-57-62-Methylnaphthalene	5	J
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	ប
120-12-7Anthracene	33	บ
206-44-0Fluoranthene	33	Ū
129-00-0Pyrene	33	U
56-55-3Benzo(a)anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo (b) fluoranthene	33	U
207-08-9Benzo(k) fluoranthene	33	U
50-32-8Benzo(a) pyrene	33	Ū
193-39-5Indeno(1,2,3-cd)pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g, h, i) perylene	33	U

# U.S. EPA - CLP

		INO	INORGANIC ANALYSIS DATA SHEET				EPA SAMPLE NO.	
							RPSB09	A812
Lab Name:	MITKEM_C	ORPORATION_	Cont	Contract:			L	
Lab Code:	MITKEM	Case No.:		SAS No.:	<u></u>		SDG No.:	A1132_
Matrix (soil/w	ater):	SOIL		I	ab Samj	ole ID:	A1132-	08A
Level (low/me	:d):	MED		Ε	Date Reco	eived:	07/26/0	2
% Solids:		80.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	M		
	7429-90-5	Aluminum				NR		
	7440-36-0	Antimony				$\square$ NR		
	7440-38-2	Arsenic	1			NR		
	7440-39-3	Barium				NR		
	7440-41-7	Beryllium				NR		
	7440-43-9	Cadmium	•			NR		
	7440-70-2	Calcium		_		NR		
	7440-47-3	Chromium				NR		
	7440-48-4	Cobalt	1			NR		
	_7440-50-8	Copper				NR		
	_7439-89-6	lron				NR		
	7439-92-1	Lead		_   _   _		NR		
	7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese				NR		
	_7439-97-6	Mercury			<del></del>	NR		
	_7440-02-0	Nickel				_NR		
	_7440-09-7	Potassium		_ +		NR		
	_7782-49-2	Selenium				NR		
	_7440-22-4	Silver				_NR		
	_7440-23-5	Sodium				NR		
	7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium				NR		
	_7440-66-6	Zinc				NR		
		Cyanide	9.3	<del>-   -</del>   -		CA		
	l						m ·	
Color Before:			Clarity Before:				Texture:	
Color After:			Clarity After:				Artifacts:	
Comments:								

SW846

FORM I - IN

EPA SAMPLE NO.

1187125

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-05B

Sample wt/vol:

Lab File ID:

V4B3008

Level:

(low/med) MED

Date Received: 08/17/02

% Moisture: not dec. 22

Date Analyzed: 08/21/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 20.0

Soil Extract Volume:

5 (mL)

5.2 (g/mL) G

Soil Aliquot Volume:

100.0(址)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	5000 1200 20000 15000	<del>U</del>
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1187125

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-05A

Sample wt/vol: 30.9 (g/mL) G

Lab File ID: S2C9072

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: 22

decanted: (Y/N) N

Date Extracted: 08/19/02

Concentrated Extract Volume:

5000 (uL)

Date Analyzed: 08/30/02

Injection Volume:

1.0 (uL)

Dilution Factor: 5.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or		Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9	Naphthalene2-MethylnaphtAcenaphthylenDibenzofuranFluorenePhenanthreneFluoranthene	(ug/L or halene_eeanthene		J J
50-32-8 193-39-5 53-70-3	Benzo(a)pyren Indeno(1,2,3- Dibenzo(a,h)a Benzo(g,h,i)p	e cd)pyrene nthracene	14000 5000 1400 5700	3

EPA SAMPLE NO.

1187125

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1235

Matrix: (soil/water) WATER

Lab Sample ID: A1235-05B

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

Lab File ID: V6C2273

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: not dec.

Date Analyzed: 08/22/02

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

Dilution Factor: 1.0

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

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	31 4 120 49	
---	----------------------	--

1187125

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1235

Matrix: (soil/water) WATER Lab Sample ID: A1235-05A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C8862

Level: (low/med) LOW Date Received: 08/17/02

% Moisture: decanted: (Y/N) Date Extracted:08/20/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/21/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CONCENTRATION UNITS:

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

Ol OO O	500	
91-20-3Naphthalene	520	
91-57-62-Methylnaphthalene	36	i
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	48	
132-64-9Dibenzofuran	33	
86-73-7Fluorene	25	J
85-01-8Phenanthrene	32	J .
120-12-7Anthracene	6	J
206-44-0Fluoranthene	5	J
129-00-0Pyrene	6	J
56-55-3Benzo(a)anthracene	33	ָּט
218-01-9Chrysene	33	ט
205-99-2Benzo (b) fluoranthene	33	ַ ט
207-08-9Benzo(k)fluoranthene	33	ט
50-32-8Benzo (a) pyrene	33	ט
193-39-5Indeno(1,2,3-cd)pyrene	33	ט
53-70-3Dibenzo(a,h)anthracene	33	ט
191-24-2Benzo(g,h,i)perylene	33	ט ו
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FORM I SV-1

# U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

				310
<b>EPA</b>	SA	.MP	LŁ	NO.

		INO	INORGANIC ANALYSIS DATA SHEET			ETA GAMILLE NO.		
∟ab Name:	MITKEM CO	ORPORATION_	Co	ontract:			1187	125
ab Code:	– MITKEM	Case No.:		SAS No.:			SDG No.:	A1235
latrix (soil/wa	ater):	SOIL		L	ab Samp	le ID:	A1235-0	)5A
evel (low/me	<b>d</b> ):	MED		D	ate Rece	ived:	08/17/02	2
Solids:		78.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Aluminum				_NR		
	_7440-36-0	Antimony				NR		
	_7440-38-2	Arsenic				NR		
	_7440-39-3	Barium				NR		
	_7440-41-7	Beryllium				NR		
	_7440-43-9	Cadmium				NR		
	_7440-70-2	Calcium				NR		
	7440-47-3	Chromium				NR		
	7440-48-4	Cobalt				NR		
	_7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR		
	7439-95-4	Magnesium_				NR		
	_7439-96-5	Manganese_				NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	7440-09-7	Potassium				NR		
	7782-49-2	Selenium				NR		
		Silver				NR		
	_7440-23-5	Sodium				NR.		
	_7440-28-0	Thallium				NR		
	7440-62-2	Vanadium				NR		
	_7440-66-6	Zinc				NR		
		Cyanide	2.2			CA		
color Before:			Clarity Before:				Texture:	
Color After:			Clarity After:				Artifacts:	
7								
Comments:								

FORM I - IN

SW846-

EPA SAMPLE NO.

1182627

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: Al235-06B

Sample wt/vol:

5.1 (g/mL) G

Lab File ID:

V4B2999

MED

Level:

(low/med)

Date Received: 08/17/02

% Moisture: not dec. 14

Date Analyzed: 08/21/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 50.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	24000 2800 270000 270000	<u>U</u>

EPA SAMPLE NO.

1182627

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-06A

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S2C8882

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: 14 decanted: (Y/N) N .Date Extracted:08/19/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: \_\_\_

		CONCENTRATION UN	IITS:	
CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG (	5

		<u> </u>
91-20-3Naphthalene	1300000	
91-57-62-Methylnaphthalene	500000	
208-96-8Acenaphthylene	34000	J
83-32-9Acenaphthene	<sup>-</sup>   260000	
132-64-9Dibenzofuran	21000	J
86-73-7Fluorene	180000	ļ
85-01-8Phenanthrene	530000	
120-12-7Anthracene	120000	
206-44-0Fluoranthene	180000	
129-00-0Pyrene	240000	
56-55-3Benzo(a)anthracene	73000	J
218-01-9Chrysene	75000	J
205-99-2Benzo(b) fluoranthene	43000	J
207-08-9Benzo(k)fluoranthene	25000	J
50-32-8Benzo (a) pyrene	<sup>-</sup>   62000	J
193-39-5Indeno (1, 2, 3-cd) pyrene	18000	J
53-70-3Dibenzo(a,h)anthracene	97000	U
191-24-2Benzo(g,h,i)perylene	21000	J
	_  <u></u>	

EPA SAMPLE NO.

1182627

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1235

Matrix: (soil/water) WATER

Lab Sample ID: A1235-06B

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

Lab File ID: V6C2289

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: not dec.

Date Analyzed: 08/23/02

GC Column: DB-624

ID: 0.25 (mm)

Dilution Factor: 20.0

Soil Extract Volume: (uL)

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

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	530 20 2400 2500	Ū
1330-20-7Xylene (Total)	2500	

1182627

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) WATER

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S2C8879

Lab Sample ID: A1235-06A

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/20/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

	<del>,                                      </del>	Ţ
91-20-3Naphthalene	5300	
91-57-62-Methylnaphthalene	520	
208-96-8Acenaphthylene	330	<u> </u>
83-32-9Acenaphthene	220	J
132-64-9Dibenzofuran	330	U
86-73-7Fluorene	88	J
85-01-8Phenanthrene	110	J
120-12-7Anthracene	330	U
206-44-0Fluoranthene	330	ប
129-00-0Pyrene	330	U
56-55-3Benzo (a) anthracene	330	U
218-01-9Chrysene	330	U
205-99-2Benzo(b) fluoranthene	330	U
207-08-9Benzo(k)fluoranthene	330	U
50-32-8Benzo (a) pyrene	330	U
193-39-5Indeno(1, 2, 3-cd) pyrene	330	U
53-70-3Dibenzo(a,h)anthracene	330	U
191-24-2Benzo(g,h,i)perylene	330	U

# U.S. EPA - CLP

	INORGANIC ANALYSIS DATA SHEET			EPA SAMPLE NO.				
							1182	627
ab Name:	MITKEM_C	ORPORATION	Cont	ract:				
ab Code:	MITKEM	Case No.:	_ <del></del>	SAS No.:			SDG No.:	A1235
Matrix (soil/wa	ater):	SOIL		L	ab Samp	ole ID:	A1235-	06A
evel (low/med	d):	MED		E	Date Rece	eived:	08/17/0	2
% Solids:		86.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum				NR		
ļ	_7440-36-0					NR		
ĺ	7440-38-2	•				NR.		
Ì	7440-39-3					NR		
	7440-41-7					NR		
	7440-43-9	Cadmium				NR		
	_7440-70-2	Calcium				NR.		
ĺ	7440-47-3	Chromium				NR		
ľ	_7440-48-4	Cobalt				NR		
	7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
	7439-92-1	Lead				NR		
	7439-95-4	Magnesium				NR		
	7439-96-5	Manganese				NR		
	7439-97-6	Mercury				NR		
	7440-02-0	Nickel				NR		
	7440-09-7	Potassium				NR		
	_7782-49-2	Selenium				NR		
	7440-22-4	Silver				NR		
	_7440-23-5					NR.		
	_7440-28-0					NR		
		Vanadium				NR		
	_7440-66-6	Zinc		-++		NR		
		Cyanide	0.23	U		CA		
			Ol. 'w Def				Texture:	
Color Before:			Clarity Before:					<del></del>
Color After:			Clarity After:				Artifacts:	••
Comments:								

SW846

EPA SAMPLE NO.

1185767

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-07B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V4B3032

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: not dec. 19

Date Analyzed: 08/23/02

GC Column: RTX-502.2 ID: 0.53 (mm)

CAS NO. COMPOUND

Dilution Factor: 1.0

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

Soil Extract Volume: (mL)

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

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	140 13 48 59	E
1330 20 / 172010 (10302/	23	

EPA SAMPLE NO.

1185767DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

Sample wt/vol: 1.5 (g/mL) G

GC Column: RTX-502.2 ID: 0.53 (mm)

SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-07BDL

Lab File ID: V4B3019

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: not dec. 19

Date Analyzed: 08/22/02

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

71 42 0 Page 20	7.40	
71-43-2Benzene	140	
108-88-3Toluene	8	D
100-41-4Ethylbenzene	20	D
1330-20-7Xylene (Total)	24	מ

1185767

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-07A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S2C8877

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: 19 decanted: (Y/N) N

Date Extracted: 08/19/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND		r ug/Kg)		Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9	Naphthalene2-MethylnaphtAcenaphthylenAcenaphthenePlibenzofuranPhenanthreneAnthracene	(ug/L o			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
50-32-8 193-39-5 53-70-3	Benzo(a)pyren Indeno(1,2,3- Dibenzo(a,h)a Benzo(g,h,i)p	e cd)pyrene nthracene		410 410 410 410	ប ប ប

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:	1185767	
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.: A1235	•
Matrix: (soil/water) WATER	Lab Sa	mple ID: A1235-07B	
Sample wt/vol: 5.000 (g/mL)	ML Lab Fi	le ID: V6C2288	
Level: (low/med) LOW	Date R	eceived: 08/17/02	
% Moisture: not dec.	Date A	nalyzed: 08/23/02	
GC Column: DB-624 ID: 0.25 (mm	n) Diluti	on Factor: 1.0	
Soil Extract Volume:(uL)	Soil A	liquot Volume:	(uL)
CAS NO. COMPOUND	CONCENTRATIO (ug/L or ug/	<b>-</b>	
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzen 1330-20-7Xylene (Tot		2 1 1 1 0 1 0	

EPA SAMPLE NO.

Q

1185767 Lab Name: MITKEM CORPORATION Contract: SDG No.: A1235 Lab Code: MITKEM Case No.: SAS No.: Matrix: (soil/water) WATER Lab Sample ID: A1235-07A Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C8861 Level: (low/med) Date Received: 08/17/02 LOW % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 08/20/02 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/21/02 Injection Volume: 1.0(uL) Dilution Factor: 1.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

GPC Cleanup: (Y/N) N

CAS NO.

pH: \_\_\_\_

COMPOUND

91-20-3Naphthalene	22	J
91-57-62-Methylnaphthalene	33	
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	บ
132-64-9Dibenzofuran	33	ប
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	ប
120-12-7Anthracene	33	U
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo (a) anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo (b) fluoranthene	33	U
207-08-9Benzo (k) fluoranthene	33	U
50-32-8Benzo (a) pyrene	33	U
193-39-5Indeno (1, 2, 3-cd) pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	U

## U.S. EPA - CLP

#### I INORGANIC ANALYSIS DATA SHEET

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EPA	SA	MPI	Æ	NU

Lab Name:	MITKEM_CO	ORPORATION	Contr	act:			1185767
Lab Code:	MITKEM	Case No.:	s	AS No.:			SDG No.: A1235_
Matrix (soil/w	ater):	SOIL		L	ab Samp	ole ID:	A1235-07A
Level (low/me	:d):	MED		D	ate Rece	eived:	08/17/02
% Solids:		81.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	_7429-90-5	Aluminum				NR	
	_7440-36-0	Antimony				NR NR	
	_7440-38-2					NR	
	_7440-39-3					_ NR	
	_7440-41-7	Beryllium			<del></del>	NR	
	_7440-43-9	Cadmium		<del>-     -</del>		_NR	
	_7440-70-2	Calcium				NR	
	_7440-47-3	Chromium				NR NR	
	_7440-48-4	Cobalt				NR NR	
	_7440-50-8	Copper					
	_7439-89-6	Iron	-			NR NR	
	_7439-92-1	Lead				NR	
	_7439-95-4	Magnesium				NR	
	_7439-96-5	Manganese				NR	
	7439-97-6	Mercury		<del></del>		NR	
	_7440-02-0	Nickel Potassium		_		NR	
	_7440-09-7	Selenium	Į.			NR	
	_7782-49-2 _7440-22-4	Silver				NR	
	7440-22-4	Sodium				NR	
	7440-23-5	Thallium	112.7			NR	
	7440-62-2	Vanadium				NR	
		Zinc				NR	
		Cyanide	0.30	U		CA	
					<b>.</b>		
Color Before:			Clarity Before:				Texture:
Color After:		<u></u>	Clarity After:				Artifacts:
Comments:							
Juliunii VIIII							

FORM I - IN

SW846

EPA SAMPLE NO.

1191417

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-07B

Sample wt/vol:

5.2 (g/mL) G

Lab File ID: V4B3133

Level:

(low/med) MED

Date Received: 08/26/02

% Moisture: not dec. 16

Date Analyzed: 08/28/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 50.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0 (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	15000 2900 180000 120000	U
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EPA SAMPLE NO.

1191417

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273

Matrix: (soil/water) SOIL Lab Sample ID: A1273-07A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S2C9126

Level: (low/med) LOW Date Received: 08/26/02

% Moisture: 16 decanted: (Y/N) N Date Extracted:08/26/02

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/04/02

Injection Volume: 1.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

91-20-3Naphthalene       1300000         91-57-62-Methylnaphthalene       670000         208-96-8Acenaphthylene       29000         83-32-9Acenaphthene       350000         132-64-9Dibenzofuran       18000         86-73-7Fluorene       240000         85-01-8Phenanthrene       650000         120-12-7Anthracene       180000         206-44-0Fluoranthene       190000         129-00-0Pyrene       280000         56-55-3Benzo (a) anthracene       80000	
208-96-8Acenaphthylene       29000 J         83-32-9Acenaphthene       350000         132-64-9Dibenzofuran       18000 J         86-73-7Fluorene       240000         85-01-8Phenanthrene       650000         120-12-7Anthracene       180000         206-44-0Fluoranthene       190000         129-00-0Pyrene       280000         56-55-3	
83-32-9Acenaphthene       350000         132-64-9Dibenzofuran       18000         86-73-7Fluorene       240000         85-01-8Phenanthrene       650000         120-12-7Anthracene       180000         206-44-0Fluoranthene       190000         129-00-0Pyrene       280000         56-55-3	
83-32-9Acenaphthene       350000         132-64-9Dibenzofuran       18000         86-73-7Fluorene       240000         85-01-8Phenanthrene       650000         120-12-7Anthracene       180000         206-44-0Fluoranthene       190000         129-00-0Pyrene       280000         56-55-3Benzo (a) anthracene       80000	
86-73-7Fluorene       240000         85-01-8Phenanthrene       650000         120-12-7Anthracene       180000         206-44-0Fluoranthene       190000         129-00-0Pyrene       280000         56-55-3Benzo (a) anthracene       80000	
85-01-8Phenanthrene       650000         120-12-7Anthracene       180000         206-44-0Fluoranthene       190000         129-00-0Pyrene       280000         56-55-3Benzo(a) anthracene       80000	
120-12-7Anthracene       180000         206-44-0Fluoranthene       190000         129-00-0	
206-44-0Fluoranthene       190000         129-00-0Pyrene       280000         56-55-3Benzo (a) anthracene       80000	
129-00-0	_
56-55-3Benzo (a) anthracene 80000 J	
56-55-3Benzo(a) anthracene80000 J	—
218-01-9Chrysene 82000 J	
205-99-2Benzo(b) fluoranthene 49000 J	!
207-08-9Benzo(k)fluoranthene 23000 J	
50-32-8Benzo(a)pyrene 64000 J	
193-39-5Indeno(1,2,3-cd)pyrene 15000 J	İ
53-70-3Dibenzo(a, h) anthracene 99000 U	
191-24-2Benzo(g,h,i)perylene 16000 J	İ

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract: 1191417
·	SAS No.: SDG No.: A1273
Matrix: (soil/water) WATER	Lab Sample ID: A1273-07B
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID: V6C2601
Level: (low/med) LOW	Date Received: 08/26/02
% Moisture: not dec.	Date Analyzed: 09/03/02
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 12.0
Soil Extract Volume:(uL)	Soil Aliquot Volume:(uL
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene	340 12 2100

COMPOUND

CAS NO.

Q

1191417 Contract: Lab Name: MITKEM CORPORATION SAS No.: Lab Code: MITKEM Case No.: SDG No.: A1273 Matrix: (soil/water) WATER Lab Sample ID: A1273-07A Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0774 Level: (low/med) LOW Date Received: 08/26/02 % Moisture: decanted: (Y/N)\_\_\_\_ Date Extracted: 08/27/02 Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/05/02 Dilution Factor: 25.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: \_\_\_

	Naphthalene	7600	
	2-Methylnaphthalene	1600	1
	Acenaphthylene	830	Ū
	Acenaphthene	840	
132-64-9	Dibenzofuran	830	) <del>U</del>
86-73-7	Fluorene	390	J
85-01-8	Phenanthrene	990	
120-12-7	Anthracene	230	J
206-44-0	Fluoranthene	240	J
129-00-0	Pyrene	430	J
56-55~3 <i></i> -	Benzo (a) anthracene	150	J
218-01-9	Chrysene	130	J
	Benzo(b) fluoranthene	85	J
207-08-9	Benzo(k)fluoranthene	830	υ
	Benzo(a)pyrene	120	J
	Indeno(1,2,3-cd)pyrene	830	U
	Dibenzo(a,h)anthracene	830	ប
191-24-2	Benzo(q,h,i)perylene	830	U

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

## U.S. EPA - CLP

		INO	RGANIC ANALYS	IS DATA S	HEET		EPA SAN	APLE NO.
							1191	417
Lab Name:	MITKEM_C	ORPORATION	Cor	itract:				
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1273
Matrix (soil/wa	ater):	SOIL		I	ab Samp	ole ID:	A1273-0	07A
Level (low/me	d):	MED		Ι	Date Rece	eived:	08/26/02	2
% Solids:		84.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Aluminum				NR		
	_7440-36-0	Antimony				NR		
	_7440-38-2	Arsenic				NR		
	7440-39-3	Barium	•			NR		
	_7440-41-7	Beryllium	1			_NR		
	_7440-43-9	Cadmium				_NR		
	7440-70-2	Calcium	1			NR		
	_7440-47-3	Chromium	1			_NR		
	_7440-48-4	Cobalt	1			NR		
	_7440-50-8	Copper			·	_NR		
	_7439-89-6	Iron	1			NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese				NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				_NR		
	_7440-09-7	Potassium				NR		
	_7782-49-2	Selenium				_NR		
	7440-22-4	Silver				_NR		
	_7440-23-5	Sodium				NR		
	_7440-28-0	Thallium	<b>\</b>			NR		
	_7440-62-2	Vanadium				NR		
	_7440-66-6	Zinc			,	_NR		
		Cyanide	0.27	U		CA		
Color Before:			Clarity Before:				Texture:	
Color Belore:		<del></del>	Clarity Delote.					
Color After:			Clarity After:				Artifacts:	
Comments:								

SW846

EPA SAMPLE NO.

XX0823021

Lab Name: MITKEM CORPORATION

Contract:

RPSBIM 1417 (DUB)

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

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-10B

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V4B3130

Level: (low/med) MED

Date Received: 08/26/02

% Moisture: not dec. 20

Date Analyzed: 08/28/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 20.0

Soil Aliquot Volume: 100.0(uL)

Soil Extract Volume: 5 (mL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

1330-20-7Xylene (Total) 94000	71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	13000 1200 120000 94000	Ū
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XX0823021

Lab Name: MITKEM CORPORATION

Contract:

RPSB 1191417 (DUP)

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-10A

Sample wt/vol:

30.5 (g/mL) G

Lab File ID: S2C9125

Level: (low/med) LOW Date Received: 08/26/02

% Moisture: 20

decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 5000(uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 50.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

	CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q
	91-20-3	Naphthalene			1100000	
	91-57-6	2-Methylnapht	halene	_	590000	
	208-96-8	Acenaphthyler	ne	-	26000	J
	83 <b>-</b> 32-9	Acenaphthene			330000	
	132-64-9	Dibenzofuran			16000	J
	86-73-7	Fluorene			220000	
	85-01-8	Phenanthrene			570000	
	120-12-7	Anthracene ¯			160000	
	206-44-0	Fluoranthene			170000	
	129-00-0	Pyrene			250000	_
	56-55-3	Benzo (a) anthr	аселе		72000	J
		Chrysene			71000	J
	205-99-2	Benzo(b) fluor	anthene	_	38000	J
	207-08-9	Benzo(k)fluor	anthene		26000	J
	50 <b>-</b> 32-8	Benzo(a)pyren	e		56000	J
	193-39-5	Indeno (1, 2, 3-	cd) pyrene		12000	J
İ		Dibenzo(a,h)a			100000	U
	191-24-2	Benzo(g,h,i)p	erylene		15000	J
	4					

EPA SAMPLE NO.

XX0823021 |RPSB1191417(DUP)

Lab Name: MITKEM CORPORATION

Case No.:

Contract:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) WATER

Lab Sample ID: A1273-10B

Sample wt/vol:

Lab Code: MITKEM

5.000 (g/mL) ML

Lab File ID: V6C2619

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: not dec.

Date Analyzed: 09/03/02

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

Dilution Factor: 16.0

Soil Extract Volume: (uL)

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	420 16 1700 1600	Ū
1330 20 / Ny Tono (100a1)	1000	

XX0823021

Lab Name: MITKEM CORPORATION

Contract:

RPSB 119 14+7 (DUP)

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) WATER

Lab Sample ID: A1273-10A

Sample wt/vol:

300.0 (g/mL) ML

Lab File  ${
m ID}$ :

CONCENTRATION UNITS:

S1D0775

Level: (low/med) LOW

Date Received: 08/26/02

decanted: (Y/N)\_\_\_

Date Extracted: 08/27/02

% Moisture: Concentrated Extract Volume:

Date Analyzed: 09/05/02

Injection Volume: 1.0(uL)

Dilution Factor: 25.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

1000 (吐)

CAS NO.	COMPOUND	(ug/L or ug/K	g) UG/L	Q
91-20-3 91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5	Naphthalene2-MethylnaphthAcenaphthyleneDibenzofuranFluorenePhenanthrenePhenanthrenePyreneBenzo(a)anthraChryseneBenzo(b)fluoraBenzo(a)pyreneBenzo(a)pyreneDibenzo(a,h)an	nalene  ncene  nthene enthene enthracene	6800 1600 1000 830 500 1400 350 430 730 240 240 150 830 200 830 830	ממנמנונות נים נ
191-24-2	Benzo(g,h,i)pe	erytene	830	

# 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Name: M	NITKEM_C	ORPORATION	Co	ontract:			XX08 RPSB 119	23021 1417 (DUP)
Code: M	<b>IITKEM</b>	Case No.:	<del></del>	SAS No.	:		SDG No.:	A1273
rix (soil/water)	):	SOIL			Lab Samp	ole ID:	A1273-	10A
el (low/med):		MED			Date Rece	eived:	08/26/0	2
olids:		80.0						
C	oncentration	Units (ug/L or mg/	kg dry weight):				MG/KG	
(	CAS No.	Analyte	Concentration	С	Q	М		
74	129-90-5	Aluminum				NR		
	140-36-0	Antimony				NR		
_	140-38-2 <u> </u>	Arsenic				NR		
	140-39-3	Barium				NR		
	140-41-7	1				NR		
,	140-43-9					NR		
	140-70-2					NR		
	140-47-3	i				NR		
į	140-48-4	Cobalt	1			_NR		
	140-50-8	Copper	1			NR		
	139-89-6	Iron				NR		
l l	139-92-1	Lead				NR		
	139-95-4	Magnesium				NR		
_74	139-96-5	=				NR		
_74	139-97-6	Mercury				NR		
_74	140-02-0	Nickel				NR		
_74	140-09-7	Potassium				NR		
_77	782-49-2	Selenium				NR		
_74	140-22-4	Silver				NR		
_74	140-23-5	Sodium				NR		
_74	140-28-0	Thallium				NR		
	140-62-2	Vanadium				NR		
_74	<del>1</del> 40-66-6	Zinc			<del></del>	NR		
		Cyanide		U		CA		
or Before:			Clarity Before:	<u></u>			Texture:	
or After:			Clarity After:				Artifacts:	
nments:								
iments:								

FORM I - IN

SW846

EPA SAMPLE NO.

Lab Name: MITKEM CORP	ORATION	Contract:	1194047
Lab Code: MITKEM C	ase No.:	SAS No.:	SDG No.: Al273
Matrix: (soil/water)	SOIL	Lab Sample	ID: A1273-08B
Sample wt/vol:	5.1 (g/mL) G	Lab File I	D: V4B3157
Level: (low/med)	LOW	Date Receiv	ved: 08/26/02
% Moisture: not dec.	21	Date Analy:	zed: 08/30/02
GC Column: RTX-502.2	ID: 0.53 (mm)	Dilution Fa	actor: 1.0
Soil Extract Volume:_	(mL)	Soil Alique	ot Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNI (ug/L or ug/Kg) (	
71-43-2 108-88-3 100-41-4	Toluene		34 2 30

EPA SAMPLE NO.

1194047

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-08A

Sample wt/vol: 30.6 (g/mL) G

Lab File ID: S2C9094

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 21

decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:	1194047	
Lab Code: MITKEM Case No.:	SAS No.: SDG	No.: A1273	_,
Matrix: (soil/water) WATER	Lab Sample ID	A1273-08B	
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID:	V6C2602	
Level: (low/med) LOW	Date Received:	08/26/02	
% Moisture: not dec.	Date Analyzed:	09/03/02	
GC Column: DB-624 ID: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:(uL)	Soil Aliquot V	Volume:	_(uL)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I		
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)		1 U 1 U 1 U 1 U	

EPA SAMPLE NO.

1194047

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM

Case No.:

SAS No.:

Contract:

SDG No.: A1273

Matrix: (soil/water) WATER

Lab Sample ID: A1273-08A

Sample wt/vol:

300.0 (g/mL) ML

Lab File ID: S1D0742

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/27/02

Concentrated Extract Volume:

1000 (址)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

	CAS NO.	COMPOUND	(ug/L or			Q 	
	208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 193-39-5	-2-Methylnaphthale -Acenaphthylene -Acenaphthene -Dibenzofuran -Fluorene -Phenanthrene -Anthracene -Fluoranthene -Pyrene -Benzo(a)anthracen	nenene		8 33 33 33 33 33 33 33 33 33 33 33 33 33	מממממממממממממ	
1		<del>-</del>					į

### U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

b Name:	MITKEM_CO	ORPORATION	Con	tract:			1194047
Code:	MITKEM	Case No.:		SAS No.:		<del></del>	SDG No.: A1273_
Matrix (soil/water):		SOIL		L	ab Samp	ole ID:	A1273-08A
evel (low/med):		MED		D	ate Reco	eived:	08/26/02
Solids:		79.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
					······	NR	
	_7429-90-5	Aluminum	<del> </del>	<del></del>		NR NR	
	_7440-36-0	Antimony		<del></del>		NR NR	
	_7440-38-2					NR	
	_7440-39-3	Barium		<del> - </del>		NR	
	7440-41-7 _7440-43-9	Beryllium Cadmium				NR	
	7440-43-9 _7440-70-2	Cadmidin	<del> </del>			NR	
	_7440-70-2	Chromium				NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR	
	_7440-02-0	Nickel				NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver				NR	
	_7440-23-5	Sodium				NR	
	_7440-28-0	Thallium	<u> </u>			NR	
	_7440-62-2	Vanadium				NR	
	_7440-66-6	Zine				NR	
		Cyanide		U	<del></del>	CA	
lor Before:		<del></del>	Clarity Before:				Texture:
olor After:			Clarity After:				Artifacts:
mments:							

FORM I - IN

SW846

EPA SAMPLE NO.

1198797

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-09B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3216

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: not dec. 20

Date Analyzed: 09/04/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 1 1 1	ם ם ם
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1198797

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-09A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S2C9095

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 20 decanted: (Y/N) N

Date Extracted:08/26/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
91-20-3Naphthalene 91-57-62-Methylnaphtha 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0	4   4   4   4   1   1   1   1   1   1	00 10 17 19 10 0 0	U U U U U U U U U U U U U U U U U U U

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract: 1198797
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1273
Matrix: (soil/water) WATER	Lab Sample ID: A1273-09B
Sample wt/vol: 5.000 (g/mL) M	L Lab File ID: V6C2603
Level: (low/med) LOW	Date Received: 08/26/02
% Moisture: not dec.	Date Analyzed: 09/03/02
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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Tota)	

1198797

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) WATER

Lab Sample ID: A1273-09A

Sample wt/vol:

300.0 (g/mL) ML

Lab File ID:

S1D0654

CONCENTRATION UNITS:

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_\_

Date Extracted: 08/27/02

Concentrated Extract Volume:

Date Analyzed: 08/30/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

1000 (uL)

CAS NO.	COMPOUND	(ug/L or			Q 	
91-20-3	-Naphthalene -2-Methylnaphthale -Acenaphthylene -Acenaphthene -Dibenzofuran -Fluorene -Phenanthrene -Anthracene -Fluoranthene -Pyrene -Benzo(a)anthracer -Chrysene -Benzo(b)fluoranth -Benzo(a)pyrene -Benzo(a)pyrene	ene ne nene nene		33 33 33 33 33 33 33 33 33 33 33 33 33	מממממממממממממ	
53-70-3 191-24-2	-Dibenzo(a,h)anth -Benzo(g,h,i)peryl	lene		33		

# U.S. EPA - CLP

	INO	RGANIC ANALYS	SIS DATA S	HEET		EPA SAN	MPLE NO.
						1198	3797
MITKEM_C	ORPORATION	Co	ntract:				
MITKEM	Case No.:		SAS No.:			SDG No.:	A1273
ater):	SOIL		L	ab Samp	ole ID:	A1273-0	09A
ed):	MED		מ	ate Rece	eived:	08/26/02	2
	80.0						
Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
CAS No.	Analyte	Concentration	C	Q	м		
_7429-90-5	Aluminum_				NR		
7440-36-0	1				NR		
7440-38-2	· ·				NR		
7440-39-3	i				NR		
_7440-41-7	<del></del>				NR		
_7440-43-9	1 -				NR		
_7440-70-2					NR		
_7440-47-3	Chromium				NR		
_7440-48-4	Cobalt				NR		
_7440-50-8	Copper	_			NR		
_7439-89-6					NR		
_7439-92-1	I_ead						
7439-95-4							
_7439-96-5					i 1		
_7439-97-6					1 1		
_7440-02-0							
_7440-09-7			<del>  -</del>				
_7782-49-2	Selenium						
_7440-22-4	Silver						
_7440-23-5							
					1 1		
_7440-66-6		,					
	Cyanide	0.30			CA		
		or to the fi				Torritoria	
		-	-				
<del></del>		Clarity After:				Artifacts:	
	MITKEM ater):  d):  Concentration  CAS No.  7429-90-5  7440-36-0  7440-38-2  7440-39-3  7440-41-7  7440-43-9  7440-47-3  7440-47-3  7440-48-4  7440-50-8  7439-92-1  7439-95-4  7439-95-4  7439-96-5  7439-97-6  7440-02-0  7440-02-0  7440-02-0  7440-22-4  7440-23-5  7440-66-6	MITKEM Case No.:  ater): SOIL d): MED 80.0  Concentration Units (ug/L or mg/  CAS No. Analyte  7429-90-5 Aluminum 7440-36-0 Antimony 7440-38-2 Arsenic 7440-39-3 Barium 7440-41-7 Beryllium 7440-43-9 Cadmium 7440-47-3 Chromium 7440-48-4 Cobalt 7440-50-8 Copper 7439-96-1 Iron 7439-92-1 Lead 7439-95-4 Magnesium 7439-96-5 Manganese 7439-97-6 Mercury 7440-02-0 Nickel 7440-02-0 Nickel 7440-02-0 Nickel 7440-23-5 Sodium 7440-23-5 Sodium 7440-28-0 Thallium 7440-66-6 Zinc Cyanide	MITKEM_CORPORATION Co  MITKEM	MITKEM_CORPORATION Contract:  MITKEM	MITKEM Case No.: SAS No.:	MITKEM Case No.: SAS No.:  ater): SOIL Lab Sample ID:  d): MED Date Received:  80.0 Date Received:  80.0 NR  7429-90-5 Aluminum NR 7440-36-0 Antimony NR 7440-38-2 Arsenic NR 7440-39-3 Barium NR 7440-41-7 Beryllium NR 7440-43-9 Cadmium NR 7440-47-3 Chromium NR 7440-47-3 Chromium NR 7440-47-3 Chromium NR 7440-48-4 Cobalt NR 7439-95-4 Magnesium NR 7439-95-5 Manganese NR 7439-96-6 Mercury NR 7440-09-7 Potassium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 7782-49-2 Selenium NR 77840-66-6 Zinc NR 7740-66-6 Zinc NR 7740-66-6 Zinc NR  Clarity Before:	MITKEM_CORPORATION Contract:

SW846

EPA SAMPLE NO.

120712

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-01B

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V4B3030

Level:

(low/med) MED Date Received: 08/17/02

% Moisture: not dec. 22

Date Analyzed: 08/23/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	400 120 2200 880	
---	---------------------------	--

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-01A

Sample wt/vol: 30.6 (g/mL) G Lab File ID:

CONCENTRATION UNITS:

S2C8914

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: 22 decanted: (Y/N) N

Concentrated Extract Volume:

Date Extracted: 08/19/02

5000 (uL) Date Analyzed: 08/24/02

Injection Volume: 1.0(uL)

Dilution Factor: 8.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
91-20-3	-Naphthalene		7300	J
91-57-6	-2-Methylnaphthal	ene	17000	Įυ
208-96-8	-Acenaphthylene		13000	J
02 22 0	Accesshe		26000	1

91-57-62-Methylnaphthalene	17000	ĮŪ
208-96-8Acenaphthylene	13000	J i
83-32-9Acenaphthene	26000	
132-64-9Dibenzofuran	3100	J
86-73-7Fluorene	25000	
85-01-8Phenanthrene	84000	
120-12-7Anthracene	48000	
206-44-0Fluoranthene	86000	
129-00-0Pyrene	130000	
56-55-3Benzo(a)anthracene	42000	
218-01-9Chrysene	49000	
205-99-2Benzo(b) fluoranthene	46000	
207-08-9Benzo(k)fluoranthene	18000	i
50-32-8Benzo(a)pyrene	42000	
193-39-5Indeno (1, 2, 3-cd) pyrene	11000	_
53-70-3Dibenzo(a,h)anthracene	3600	J
191-24-2Benzo(g,h,i)perylene	12000	J

EPA SAMPLE NO.

Lab Name: MITKEM CORI	ΡΩΡΑΨΤΩΝ (	Contract:		120712	
deb Name: Milliam Con	COLUMNIA	concrace.	! <u></u>		1
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.	.: A1235	
Matrix: (soil/water)	WATER	Lab Samp	le ID: A1	L235-01B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File	ID: Ve	5C2270	
Level: (low/med)	LOW	Date Rec	eived: 08	3/17/02	
% Moisture: not dec.		Date Ana	lyzed: 08	3/22/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution	Factor:	1.0	
Soil Extract Volume:	(uL)	Soil Alie	quot Volu	me:	(uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg		Q	
				23 3 53 34	

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1235

Matrix: (soil/water) WATER

Lab Sample ID: A1235-01A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C8864

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/20/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/21/02

Injection Volume: 1.0(uL)

COMPONE

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug,	/Kg) UG/L	Q
	Naphthalene	nn1		J
	2-Methylnaphtl Acenaphthylene			U J
83-32-9	Acenaphthene		43	
	Dibenzofuran Fluorene	<u> </u>		U J
85-01-8	Phenanthrene		41	1
	Anthracene Fluoranthene		9 8	
129-00-0	Pyrene		9	
	Benzo(a)anthra	acene	33	
218-01-9	Chrysene Benzo(b)fluora	anthene	33 33	
207-08-9	Benzo(k)fluora	anthene	33	U
50-32-8	Benzo(a)pyrene Indeno(1,2,3-c	od) pyrone	33 33	1
53-70-3	Dibenzo(a,h)ar	thracene	33	
191-24-2	Benzo(g,h,i)p€	erylene	33	U
	<u>-</u>			1

### U.S. EPA - CLP

#### I INORGANIC ANALYSIS DATA SHEET

DTD A	C 4	MADE	τ;	NO
EPA	SA	'IAIL T	Æ	NO.

ib Name:	міткем_с	ORPORATION	Cont	ract:			1207	712
ab Code:	MITKEM			SAS No.:	:		SDG No.:	A1235_
atrix (soil/w	vater):	SOIL			Lab Samp	le ID:	A1235-	01A
evel (low/me	ed):	MED			Date Rece	eived:	08/17/0	2
Solids:		78.0						
	Concentration	Units (ug/L or mg/	kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
		Aluminum_				NR		
	7440-36-0	Antimony				NR		
	_7440-38-2					NR		
	_7440-39-3	Barium				_NR		
	_7440-41-7					_NR		
	_7440-43-9					NR		
	_7440-70-2					_NR		
	_7440-47-3				<del></del>	NR		
	_7440-48-4	" I				NR		
	_7440-50-8					NR		
	_7439-89-6					NR		
	_7439-92-1		-			NR		
	_7439-95-4	Magnesium		<del></del>		NR NR		
	_7439-96-5	Manganese				NR NR		
	_7439-97-6					NR		
	_7440-02-0	Nickel	l.			NR		
	_7440-09-7	Potassium				NR		
	7782-49-2 _7440-22-4	Selenium			-	NR		
		SilverSodium				NR		
		Thallium	1			NR		
	7440-28-0	Vanadium				NR		
	7440-66-6	Zinc				NR		
	_ / <del>- 10-00-0</del>	Cyanide		В		CA		
			1.0					
olor Before:	-		Clarity Before:				Texture:	_
olor After:	ndo-re-		Clarity After:		<del></del>		Artifacts:	
omments:								

SW846

EPA SAMPLE NO.

Lab Name: MITKEM COF	RPORATION	Contract:	1203747
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: A1235
Matrix: (soil/water)	SOIL	Lab Sample	e ID: A1235-02B
Sample wt/vol:	5.0 (g/mL) G	Lab File 1	ID: V4B3020
Level: (low/med)	LOW	Date Rece	ived: 08/17/02
% Moisture: not dec.	21	Date Analy	yzed: 08/22/02
GC Column: RTX-502.2	ID: 0.53 (mm)	Dilution 1	Factor: 1.0
Soil Extract Volume:	(mL)	Soil Aliq	uot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UN (ug/L or ug/Kg)	•
			5 1 25 4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1235

Matrix: (soil/water) SOIL Lab Sample ID: Al235-02A

Sample wt/vol: 30.7 (g/mL) G Lab File ID: S2C8875

Level: (low/med) LOW Date Received: 08/17/02

% Moisture: 21 decanted: (Y/N) N Date Extracted:08/19/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/22/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

		т
91-20-3Naphthalene	410	U
91-57-62-Methylnaphthalene	410	Ū
208-96-8Acenaphthylene	410	U
83-32-9Acenaphthene	410	ט
132-64-9Dibenzofuran	410	ן ט
86-73-7Fluorene	410	U
85-01-8Phenanthrene	96	J
120-12-7Anthracene	410	ប
206-44-0Fluoranthene	410	U
129-00-0Pyrene	410	U
56-55-3Benzo (a) anthracene	410	U
218-01-9Chrysene	410	U
205-99-2Benzo (b) fluoranthene	410	U
207-08-9Benzo(k) fluoranthene	410	U
50-32-8Benzo (a) pyrene	410	Ū
193-39-5Indeno(1, 2, 3-cd)pyrene	410	U
53-70-3Dibenzo(a,h)anthracene	410	U
191-24-2Benzo(g,h,i)perylene	410	U

EPA SAMPLE NO.

1203747

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1235

Matrix: (soil/water) WATER Lab Sample ID: A1235-02B

Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V6C2271

Level: (low/med) LOW Date Received: 08/17/02

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 08/22/02

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

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

CONCENTRATION UNITS:

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

71-43-2-----Benzene 31 108-88-3-----Toluene 4 100-41-4-----Ethylbenzene 200 1330-20-7-----Xylene (Total) 240

EPA SAMPLE NO.

1203747

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1235

Matrix: (soil/water) WATER

Lab Sample ID: A1235-02A

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S2C8859

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/20/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/21/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/		(	5
91-20-3 91-57-6	Naphthalene 2-Methylnapht	halene	4 33	J	

	91-20-3Naphthalene	4	J	ļ
	91-57-62-Methylnaphthalene	33	שׁ	l
	208-96-8Acenaphthylene	33	บ	l
	83-32-9Acenaphthene	33	U	١
	132-64-9Dibenzofuran	33	U	l
	86-73-7Fluorene	33	U	l
	85-01-8Phenanthrene	33	U	l
	120-12-7Anthracene	33		l
	206-44-0Fluoranthene	33		l
į	129-00-0Pyrene	33	U	l
ĺ	56-55-3Benzo(a)anthracene	33	_	
ĺ	218-01-9Chrysene	33		
	205-99-2Benzo(b) fluoranthene	33		l
	207-08-9Benzo(k)fluoranthene	33		
Į	50-32-8Benzo (a) pyrene	33	_	
i	193-39-5Indeno (1, 2, 3-cd) pyrene	33		
Ì	53-70-3Dibenzo(a,h)anthracene	33	ט	
	191-24-2Benzo(g,h,i)perylene	33	ט	
		·	i	

# U.S. EPA - CLP

Level (low/med):   MED   Date Received:   08/17/02	A1235_
Matrix (soil/water): SOIL Lab Sample ID: A1235-C Level (low/med): MED Date Received: 08/17/02  6 Solids: 79.0  Concentration Units (ug/L or mg/kg dry weight): MG/KG  CAS No. Analyte Concentration C Q M  7429-90-5 Aluminum NR 7440-36-0 Antimony NR 7440-38-2 Arsenic NR 7440-39-3 Barium NR 7440-41-7 Beryllium NR 7440-41-7 Beryllium NR 7440-40-2 Cadmium NR 7440-40-2 Calcium NR 7440-47-3 Chromium NR 7440-48-4 Cobalt NR 7440-48-4 Cobalt NR 7439-80-6 Iron NR 7439-92-1 Lead NR 7439-95-5 Manganese NR	02A
Level (low/med): MED Date Received: 08/17/02    Concentration Units (ug/L or mg/kg dry weight): MG/KG    CAS No.	
Level (low/med):         MED         Date Received:         08/17/02           6 Solids:         79.0         MG/KG           Concentration Units (ug/L or mg/kg dry weight):         MG/KG           CAS No.         Analyte         Concentration         C         Q         M           7429-90-5         Aluminum         NR         NR	2
Concentration Units (ug/L or mg/kg dry weight):    CAS No.	<u> </u>
CAS No.         Analyte         Concentration         C         Q         M           7429-90-5         Aluminum         NR           7440-36-0         Antimony         NR           7440-38-2         Arsenic         NR           7440-39-3         Barium         NR           7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-96-5         Magnesium         NR           7439-96-5         Manganese         NR	
CAS No.         Analyte         Concentration         C         Q         M           7429-90-5         Aluminum         NR           7440-36-0         Antimony         NR           7440-38-2         Arsenic         NR           7440-39-3         Barium         NR           7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR	
7429-90-5       Aluminum       NR         7440-36-0       Antimony       NR         7440-38-2       Arsenic       NR         7440-39-3       Barium       NR         7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-36-0       Antimony       NR         7440-38-2       Arsenic       NR         7440-39-3       Barium       NR         7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-36-0       Antimony       NR         7440-38-2       Arsenic       NR         7440-39-3       Barium       NR         7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-38-2       Arsenic       NR         7440-39-3       Barium       NR         7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-39-3         Barium         NR           7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR	
7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR	
7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR	
NID	
F, (3) ), (a) 1.101011.	
_7440-09-7PotassiumNR	
_7782-49-2SeleniumNR	
7440-23-5 Sodium NR	
_7440-62-2VanadiumNR.	
_7440-66-6ZincNR	
Cyanide 0.27 U CA	
Color Before: Clarity Before: Texture:	
Color After: Clarity After: Artifacts:	
Comments:	

SW846

EPA SAMPLE NO.

12063567

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-03B

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: V4B3031

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: not dec. 20

Date Analyzed: 08/23/02

CAS NO. COMPOUND

Q

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

|--|

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) SOIL

Lab Sample ID: A1235-03A

Sample wt/vol:

30.8 (g/mL) G

Lab File ID: S2C8876

Level: (low/med) LOW

Date Received: 08/17/02

% Moisture: 20

decanted: (Y/N) N Date Extracted:08/19/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

CAS NO.

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Q

91-20-3Naphthalene	400	U
91-57-62-Methylnaphthalene	400	ש
208-96-8Acenaphthylene	400	U
83-32-9Acenaphthene	400	ប
132-64-9Dibenzofuran	400	U
86-73-7Fluorene	400	U
85-01-8Phenanthrene	400	U
120-12-7Anthracene	400	U
206-44-0Fluoranthene	400	U
129-00-0Pyrene	400	U
56-55-3Benzo (a) anthracene	400	U
218-01-9Chrysene	400	U
205-99-2Benzo (b) fluoranthene	400	U
207-08-9Benzo(k) fluoranthene	400	U
50-32-8Benzo (a) pyrene	400	U
193-39-5Indeno(1,2,3-cd)pyrene	400	U
53-70-3Dibenzo(a,h)anthracene	400	U
191-24-2Benzo(g,h,i)perylene	400	U

EPA SAMPLE NO.

12063567 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1235 Matrix: (soil/water) WATER Lab Sample ID: A1235-03B Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V6C2272 Level: (low/med) Date Received: 08/17/02 LOW % Moisture: not dec. Date Analyzed: 08/22/02 GC Column: DB-624 Dilution Factor: 1.0 ID: 0.25 (mm) Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 71-43-2----Benzene 1 U 1 U 108-88-3-----Toluene 100-41-4----Ethylbenzene 1330-20-7-----Xylene (Total) ז ע

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

12063567

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1235

Matrix: (soil/water) WATER

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Lab Sample ID: A1235-03A

Sample wt/vol:

300.0 (g/mL) ML

Lab File ID:

S2C8860

Level:

(low/med)

LOW

Date Received: 08/17/02

Q

33 U

33 U 33 U

33|U

decanted: (Y/N)\_\_\_

1000(uL)

Date Extracted: 08/20/02

% Moisture:

Concentrated Extract Volume:

Date Analyzed: 08/21/02

Injection Volume:

CAS NO.

1.0(uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

50-32-8-----Benzo (a) pyrene

193-39-5------Indeno(1,2,3-cd)pyrene\_ 53-70-3------Dibenzo(a,h)anthracene\_

191-24-2----Benzo(g,h,i)perylene\_

pH: \_\_\_\_

91-20-3Naphthalene	4	J
91-57-62-Methylnaphthalene	33	U
208-96-8Acenaphthylene	33	υ
83-32-9Acenaphthene	33	σ
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	Ū
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo (a) anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo (b) <u>fluoranthene</u>	33	U
207-08-9Benzo(k) fluoranthene	33	Ū

# U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

<b>EPA</b>	C A	MPI	F	NO
LITA	JИ	MATE T	æ	INO.

		INO	RGANIC ANALYS	י אואם פונ	HILL			
							12063	567
.ab Name:	MITKEM_CO	ORPORATION	Co	ntract:		<del></del>		
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1235
Matrix (soil/w	ater):	SOIL		I	Lab Samp	ole ID:	A1235-0	03A
evel (low/me	ed):	MED		I	Date Reco	eived:	08/17/02	2
% Solids:		80.0						
	Concentration	Units (ug/L or mg	/kg dry weight):			···-	MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Alvenieum				NR		
						NR		
	_7440-36-0	· ·				NR		
	_7440-38-2 _7440-39-3					NR		
	_7440-39-3 _7440-41-7			1 1		NR		
	7440-43-9			1 1		NR		
	7440-70-2	—-1		1		NR		
	7440-47-3			1 1		NR		
	_7440-48-4	•				NR		
	7440-50-8			1 1		NR		
	7439-89-6					NR		
	7439-92-1	•				NR		
	7439-95-4					NR		
	7439-96-5	1 -		1 1		NR		
	7439-97-6	1 -		1 1		NR		
	7440-02-0			1		NR		
	7440-09-7	1				NR		
	7782-49-2					NR		
	7440-22-4	l		1 1		NR		
	7440-23-5	Sodium				NR		
	7440-28-0					NR		
	7440-62-2	Vanadium				NR		
	7440-66-6	Zinc				NR		
		Cyanide	0.30_	U	<del></del>	CA		
Color Before:		<u>-</u>	Clarity Before:				Texture:	
Color After:			Clarity After:	<del></del>			Artifacts:	
Comments:								
					<u> </u>			

FORM I - IN

SW846

EPA SAMPLE NO.

121785

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1223

Matrix: (soil/water) SOIL

Lab Sample ID: A1223-01B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3004

Level: (1

(low/med) MED

Date Received: 08/16/02

% Moisture: not dec. 16

Date Analyzed: 08/21/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 100.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0 (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene	15000 6000 150000 170000	<u></u>
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Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1223

Matrix: (soil/water) SOIL

Lab Sample ID: A1223-01A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2C8883

Level: (low/med) LOW

CONCENTRATION UNITS:

Date Received: 08/16/02

% Moisture: 16 decanted: (Y/N) N

Date Extracted:08/19/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L c	or ug/Kg)	UG/KG	Q
91-20-3	Naphthalene			930000	
91-57-6	2-Methylnapht	halene		430000	
	Acenaphthyler	ıe		24000	J
83-32-9	Acenaphthene			140000	<u> </u>
	Dibenzofuran			13000	J
86-73-7	Fluorene ¯			120000	
85-01-8	Phenanthrene	-		330000	
120-12-7	Anthracene		<del></del> 1	88000	J
	·Fluoranthene			140000	<b> </b>
129-00-0	Pyrene -			190000	
56-55-3	Benzo(a)anthr	acene	<del></del> i	58000	J
218-01-9	Chrysene	<u></u>		66000	J
205-99-2	Benzo(b) fluor	anthene		44000	J
207-08-9	Benzo(k)fluor	anthene		18000	J
50-32-8	Benzo(a)pyren	e		50000	J
193-39-5	Indeno (1, 2, 3-	c <del>d) pyrene</del>		16000	J
	Dibenzo(a,h)a			98000	U
	Benzo(g,h,i)p			20000	J

EPA SAMPLE NO.

•
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Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1223

Matrix: (soil/water) WATER

Lab Sample ID: A1223-01B

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

V6C2265

Level: (low/med) LOW

Date Received: 08/16/02

% Moisture: not dec.

CAS NO.

Date Analyzed: 08/22/02

GC Column: DB-624

ID: 0.25 (mm)

COMPOUND

Dilution Factor: 10.0

Soil Aliquot Volume: (uL)

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	210 31 1700 2500	

EPA SAMPLE NO.

0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

121785

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1223

Matrix: (soil/water) WATER Lab Sample ID: A1223-01A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C8911

Level: (low/med) LOW Date Received: 08/16/02

% Moisture: \_\_\_\_\_ decanted: (Y/N) \_\_ Date Extracted:08/20/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/24/02

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

2100 91-20-3-----Naphthalene 91-57-6----2-Methylnaphthalene 300 208-96-8-----Acenaphthylene 170 U 83-32-9-----Acenaphthene 93 J 170 U 132-64-9-----Dibenzofuran 86-73-7----Fluorene 46 J 85-01-8-----Phenanthrene 67 J 170 U 120-12-7-----Anthracene 170 U 206-44-0----Fluoranthene 129-00-0-----Pyrene 18 J 56-55-3-----Benzo (a) anthracene 170 lU 218-01-9-----Chrysene 170 U 205-99-2-----Benzo (b) fluoranthene 170 U 207-08-9-----Benzo(k)fluoranthene 170 U 170 U 50-32-8-----Benzo (a) pyrene 193-39-5----Indeno(1,2,3-cd)pyrene 170 U 53-70-3-----Dibenzo(a,h)anthracene\_ 170 U 191-24-2------Benzo(q,h,i)perylene 170 U

# U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ab Name:	MITKEM_CO	ORPORATION	Cont	ract:			
ab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1223_
atrix (soil/w	rater):	SOIL		L	ab Samp	ole ID:	A1223-01A
evel (low/me	ed):	MED		D	ate Reco	eived:	08/16/02
Solids:		84.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	C	Q	М	
	7429-90-5	Aluminum		<del>  </del>		NR	
	7440-36-0	Antimony				NR	
	7440-38-2	Arsenic				NR	
	7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR]	
	7440-50-8	Copper				NR]	
	7439-89-6	Iron				NR	
	_7439-92-1	Lead				NR]	
	_7439-95-4	Magnesium_				NR	
	_7439-96-5	Manganese				NR	
	_7439-97-6	Mercury				NR	
	_7440-02-0	Nickel				NR	
	7440-09-7	Potassium				NR	
	_7782-49-2	Selenium				NR	
	_7440-22-4	Silver				NR	
	_7440-23-5	Sodium				NR	
	7440-28-0	Thallium				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc	0.00	<del>    ,   -  </del>		NR	
		Cyanide	0.28	U		CA	
							_
olor Before:			Clarity Before:	<del></del>	<del></del>		Texture:
olor After:			Clarity After:				Artifacts:
omments:							

FORM I - IN

SW846

EPA SAMPLE NO.

12120521

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1223

Matrix: (soil/water) SOIL

Lab Sample ID: A1223-02B

Sample wt/vol:

5.1 (g/mL) G

Lab File ID: V4B3006

Level:

(low/med) MED

Date Received: 08/16/02

% Moisture: not dec. 15

Date Analyzed: 08/21/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 100.0

Soil Extract Volume: 5(mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene	73000 5800 380000 340000	<u>U</u>
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Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1223

Matrix: (soil/water) SOIL

Lab Sample ID: A1223-02A

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: S2C8912

Level: (low/med) LOW

Date Received: 08/16/02

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 08/19/02

Concentrated Extract Volume: 5000(uL)

Date Analyzed: 08/24/02

Injection Volume: 1.0(uL)

Dilution Factor: 200.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg	) UG/KG	Q
91-20-3	Naphthalene		4200000	
91-57-6	2-Methylnapht	halene	1800000	
208-96-8	Acenaphthylen	le	68000	J
83-32-9	Acenaphthene		920000	]
132-64-9	Dibenzofuran		57000	J
86-73-7	Fluorene		630000	
85-01-8	Phenanthrene		1800000	
120-12-7	Anthracene		370000	J
206-44-0	Fluoranthene		470000	
129-00-0	Pyrene		730000	
56-55-3	Benzo(a)anthr	acene	240000	J
218-01-9	Chrysene		230000	J
	Benzo (b) fluor	anthene	120000	J
207-08-9	Benzo(k)fluor	anthene	50000	J
50-32-8	Benzo (a) pyren	e	160000	J
193-39-5	Indeno(1,2,3-	cd) pyrene	390000	U
53-70-3	Dibenzo(a,h)a	nthracene	390000	U
191-24-2	Benzo(g,h,i)p	ervlene	43000	J

EPA SAMPLE NO.

12120521

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1223

Matrix: (soil/water) WATER

Lab Sample ID: A1223-02B

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

Lab File ID: V6C2286

Level: (low/med) LOW

Date Received: 08/16/02

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

Date Analyzed: 08/23/02

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

Dilution Factor: 40.0

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

Soil Extract Volume: (uL)

CAS NO. COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1600 40 4100 4500	<u>U</u>
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EPA SAMPLE NO.

12120521

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1223

Matrix: (soil/water) WATER

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C8880

Level: (low/med) LOW

Date Received: 08/16/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_ Date Extracted:08/20/02

Lab Sample ID: A1223-02A

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.

COMPOUND

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

	· · · · · · · · · · · · · · · · · · ·	
91-20-3Naphthalene	6600	
91-57-62-Methylnaphthalene	760	<u> </u>
208-96-8Acenaphthylene	670	Ū
83-32-9Acenaphthene	240	J
83-32-9Acettapitchene	670	_
132-64-9Dibenzofuran	- 99	I —
86-73-7Fluorene	100	I =
85-01-8Phenanthrene	670	1 -
120-12-7Anthracene	670	-
206-44-0Fluoranthene	- 670 670	-
129-00-0Pyrene	_	_
56-55-3Benzo(a)anthracene	670	l <del>-</del>
218-01-9Chrysene	670	-
205-99-2Benzo (b) fluoranthene	670	Ū
207-08-9Benzo(k)fluoranthene	670	U
50-32-8Benzo (a) pyrene	[ 670]	_
193-39-5Indeno(1,2,3-cd)pyrene	[] 670]	U
53-70-3Dibenzo(a,h)anthracene	<sup>-</sup>   670	U
191-24-2Benzo(g,h,i)perylene	[ 670	U
1)1-24 ½ = =================================	-	
	- 1	

### U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

b Name:	MITKEM_C	ORPORATION	Cont	ract:			12120521
b Code:	MITKEM	Case No.:		SAS No.:		<u>_</u>	SDG No.: A1223
trix (soil/w	vater):	SOIL		L	ab Samp	ole ID:	A1223-02A
vel (low/me	ed):	MED		D	ate Rece	eived:	08/16/02
Solids:		85.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	_7429-90-5	Aluminum				NR	
	_7440-36-0	Antimony				NR	
	7440-38-2	Arsenic				_NR	
	_7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium		-		NR	
	_7440-47-3	Chromium				NR	
	_7440-48-4	Cobalt				NR	
	7440-50-8	Copper		<del></del>		NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium_			·····	NR	
	7439-96-5	Manganese				NR NR	
	7439-97-6	Mercury		<del></del>		NR NR	
	7440-02-0	Nickel Potassium				NR ·	
	7440-09-7					NR NR	
	7782-49-2	Selenium				NR NR	
	7440-22-4	Silver			· · · · ·	NR	
	7440-23-5 7440-28-0	SodiumThallium				NR	
	7440-28-0	Vanadium				-NR	
	7440-62-2	Zinc				NR NR	
		Cyanide	0.29	U		CA	
		Oyanido	V.27				
or Before:			Clarity Before:				Texture:
			•	<del></del>			
or After:			Clarity After:				Artifacts:
nments:							

FORM I - IN

SW846

EPA SAMPLE NO.

				1	216771	
Lab Name: MITKEM CON	RPORATION	Contract:				
Lab Code: MITKEM	Case No.:	SAS No.:	SDG	No.: .	A1223	
Matrix: (soil/water)	SOIL	Lab Sa	ample ID:	A122	3-03B	
Sample wt/vol:	5.0 (g/mL) G	Lab F	ile ID:	V4B3	022	
Level: (low/med)	LOW	Date I	Received:	08/1	6/02	
% Moisture: not dec.	. 23	Date 1	Analyzed:	08/2	2/02	
GC Column: RTX-502.2	2 ID: 0.53 (mm)	Diluti	ion Facto	r: 1.0	0	
Soil Extract Volume:	(mL)	Soil A	Aliquot V	olume	: 	(uL)
CAS NO.	COMPOUND	CONCENTRATIO		G	Q	
71-43-2 108-88-3 100-41-4 1330-20-7				17 1 16 58	<u></u>	

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1223

Matrix: (soil/water) SOIL

Lab Sample ID: A1223-03A

Sample wt/vol:

30.4 (g/mL) G

Lab File ID: S2C8878

Level:

(low/med) LOW Date Received: 08/16/02

% Moisture: 23

decanted: (Y/N) N

Date Extracted: 08/19/02

Concentrated Extract Volume:

CAS NO.

1000 (uL)

Date Analyzed: 08/22/02

Injection Volume:

1.0 (uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH: \_\_\_\_

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

0

	<u> </u>	Ι
91-20-3Naphthalene	140	J
91-57-62-Methylnaphthalene	430	U
208-96-8Acenaphthylene	430	שו
83-32-9Acenaphthene	160	J
132-64-9Dibenzofuran	430	U
86-73-7Fluorene	71	J
85-01-8Phenanthrene	500	
120-12-7Anthracene	100	J
206-44-0Fluoranthene	991	J
129-00-0Pyrene	130	J
56-55-3Benzo(a) anthracene	430	U
218-01-9Chrysene	430	Ü
205-99-2Benzo (b) fluoranthene	430	U
207-08-9Benzo(k) fluoranthene	430	U
50-32-8Benzo (a) pyrene	430	Ū
193-39-5Indeno(1,2,3-cd)pyrene	430	_
53-70-3Dibenzo(a,h)anthracene	430	_
191-24-2Benzo(q,h,i)perylene	430	_
- · · · · · · · · · · · · · · · · · · ·		

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	1216771 Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1223
Matrix: (soil/water) WATER	Lab Sample ID: A1223-03B
Sample wt/vol: 5.000 (g/mL) ML	Lab File ID: V6C2267
Level: (low/med) LOW	Date Received: 08/16/02
% Moisture: not dec.	Date Analyzed: 08/22/02
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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 U 1 U 1 U 1 U

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1223

Matrix: (soil/water) WATER

Lab Sample ID: A1223-03A

CONCENTRATION UNITS:

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S2C8866

Level: (low/med)

Date Received: 08/16/02

% Moisture:

LOW

decanted: (Y/N)\_\_

Date Extracted: 08/20/02

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or ug/	Kg) UG/L		Q
	Naphthalene		2	8 J	
91-57-6	2-Methylnapht	halene		5 J J	
208-96-8	Acenaphthylen	ne l	3	3   U	
83-32-9	Acenaphthene		3	3 U	
132-64-9	Dibenzofuran		3	3   U	
	Fluorene_		3.	3   U	
85-01-8	Phenanthrene		3.	3   U	
120-12-7	Anthracene ¯		3:	3   บ	
206-44-0	Fluoranthene		33	3   ℧	
129-00-0	Pyrene		33	3   U	
56-55-3	Benzo(a)anthr	acene	33	3   U	
218-01-9	Chrysene		3.	3   U	
205-99-2	Benzo (b) fluor	anthene	33	រ ប	
207-08-9	Benzo(k) fluor	anthene	33	រ ប	
50-32-8	Benzo (a) pyren	e	33	រ 🗸	
193-39-5	Indeno(1,2,3-	cd) pyrene		ען≀	
53-70-3	Dibenzo(a,h)a:	nthracene	33	<b>U</b>	
191-24-2	Benzo(g,h,i)p	erylene	33	υ	
	<u></u>			_	

# U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

<b>EPA</b>	SA	MP	ΙF	NΩ
LIA	VΩ	JVIII .	ندب	INU

ame:	MITKEM_C	ORPORATION_	Cont	ract:			1216	
ode:	MITKEM	Case No.:		SAS No.:		<del></del>	SDG No.:	A1223
(soil/w	rater):	SOIL			Lab Samp	ole ID:	A1223-	)3A
low/me	ed):	MED			Date Rece	eived:	08/16/02	2
ds:		77.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum				NR		
	7440-36-0	Antimony				NR		
	7440-38-2	Arsenic				NR		
	7440-39-3	Barium				NR		
	7440-41-7	Beryllium				NR		
	7440-43-9	Cadmium				NR		
	7440-70-2	Calcium				NR		
	7440-47-3	Chromium				NR		
	7440-48-4	Cobalt				NR		
	7440-50-8	Copper				NR		
	7439-89-6	Iron				NR		
	7439-92-1	Lead				NR		
	7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese				NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	_7440-09-7	Potassium				NR		
	7782-49-2	Selenium				NR		
	7440-22-4	Silver		-		NR		
	7440-23-5	Sodium		<del>-  -  </del>		NR		
	7440-28-0	Thallium				NR		
	7440-62-2	Vanadium				NR NR		
	7440-66-6	Zinc	0.21	TT		NR		
		Cyanide	0.31	U		CA		
Before:			Clarity Before:				Texture:	
	···	<del></del>	•					
After:		<del>/</del>	Clarity After:		<del></del>		Artifacts:	
ents:								
		•	<del></del>					

FORM I - IN

SW846

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:	121117127			
Lab Code: MITKEM Case No.:	SAS No.: SDG	No.: A1223			
Matrix: (soil/water) SOIL	Lab Sample ID	: A1223-04B			
Sample wt/vol: 5.1 (g/mL) G	Lab File ID:	V4B3023			
Level: (low/med) LOW	Date Received	: 08/16/02			
% Moisture: not dec. 19	Date Analyzed	: 08/22/02			
GC Column: RTX-502.2 ID: 0.53 (mm)	Dilution Facto	Dilution Factor: 1.0			
Soil Extract Volume:(mL)	Soil Aliquot	Volume:(uL)			
CAS NO. COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/I				
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene		1 U 1 U 1 U			

EPA SAMPLE NO.

121117127

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1223

Matrix: (soil/water) SOIL

Lab Sample ID: A1223-04A

Sample wt/vol: 30.5 (g/mL) G

Lab File ID:

CONCENTRATION UNITS:

S2C8874

Level: (low/med) LOW

Date Received: 08/16/02

% Moisture: 19 decanted: (Y/N) N Date Extracted:08/19/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/22/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L c	or ug/Kg)	UG/KG	Q
91-20-3 91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8	Naphthalene2-MethylnaphtheneAcenaphthyleneBibenzofuranPhenanthrenePhenanthrenePyreneBenzo(a) anthreBenzo(b) fluoreBenzo(a) pyrene	halene_eecd) pyrene	or ug/kg)	400 400 400 400 400 400 400 400 400 400	ם מ מ מ מ מ מ מ מ מ מ מ מ מ מ מ מ מ מ מ
53-70-3 191-24-2	Dibenzo(a,h)a Benzo(g,h,i)p	erylene		400	

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

4

121117127 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1223 Matrix: (soil/water) WATER Lab Sample ID: A1223-04B Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2268 (low/med) LOW Level: Date Received: 08/16/02 % Moisture: not dec. Date Analyzed: 08/22/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 1 | U 71-43-2----Benzene 108-88-3-----Toluene 1 0 100-41-4----Ethylbenzene 1 | U

FORM I VOA

121117127

Q

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1223

Matrix: (soil/water) WATER

Lab Sample ID: A1223-04A

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S2C8865

Level: (low/med) LOW Date Received: 08/16/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/20/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/21/02

Injection Volume: 1.0(uL)

COMPOUND

GPC Cleanup: (Y/N) N

Dilution Factor: 1.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.

pH: \_\_\_\_

		<del> </del>
91-20-3Naphthalene	8	J
91-57-62-Methylnaphthalene	33	U
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran	33	บ
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	U
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo (a) anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo (b) fluoranthene	33	U
207-08-9Benzo (k) fluoranthene	33	U
50-32-8Benzo (a) pyrene	33	U
193-39-5Indeno (1, 2, 3-cd) pyrene	33	U
53-70-3Dibenzo (a, h) anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	U
-J1 1 <u></u>	i	

# U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Name:	MITKEM_CO	ORPORATION	Contr	act:			
Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1223
trix (soil/v	vater):	SOIL		L	ab Samp	ole ID:	A1223-04A
el (low/m	ed):	MED		D	ate Reco	eived:	08/16/02
Solids:		81.0					
	Concentration	Units (ug/L or mg/	kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7100.00.5					1.70	
	7429-90-5	Aluminum				NR	
	7440-36-0	Antimony				NR	
	7440-38-2 7440-39-3	Arsenic				NR	
	7440-39-3	Barium_ Beryllium				NR NR	
	7440-43-9	Cadmium			···	NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead			• •	NR	
	7439-95-4	Magnesium				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR	
	_7782-49-2	Selenium				NR	
	7440-22-4	Silver				NR	
	_7440-23-5	Sodium				NR	
	7440-28-0	Thallium_				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc		<del>    -   -   -   -   -   -   -   -   -  </del>		NR	
		Cyanide	0.26	U		CA	
or Before:			Clarity Before:		<del></del>		Texture:
or After:			Clarity After:				Artifacts:
nments:							

FORM I - IN

SW846

EPA SAMPLE NO.

1227115

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-05B

Sample wt/vol:

5.0 (q/mL) G

Lab File ID:

V4B3068

(low/med) MED

Level:

Date Received: 08/21/02

% Moisture: not dec. 19

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	620 1300 11000 120000	U
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1227115

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-05A

Sample wt/vol:

30.2 (g/mL) G

Lab File ID: S2C8919

Level:

(low/med) MOJ Date Received: 08/21/02

% Moisture: 19

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume:

1000(址)

Date Analyzed: 08/24/02

Injection Volume:

1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup:

(Y/N) N

pH:

CAS NO.	COMPOUND		or ug/Kg)		Q
91-20-3	Naphthalene			3500	
91-57-6	2-Methylnapht	halene		4600	-
208-96-8	Acenaphthylen	.e		360	J
83-32-9	Acenaphthene			95	J
132-64-9	Dibenzofuran			65	J
86-73-7	Fluorene_			420	
85-01-8	Phenanthrene			1200	<i> </i>
120-12-7	Anthracene			230	J
206-44-0	Fluoranthene			730	
129-00-0	Pyrene —			940	
56-55-3	Benzo(a) anthr	acene		300	J
218-01-9	Chrysene			320	J
	Benzo(b)fluor			290	J
207-08-9	Benzo(k)fluor	anthene		130	J
50-32-8	Benzo (a) pyren	e		170	J
193-39-5	Indeno (1, 2, 3-c	cd) pyrene		85	J
	Dibenzo(a,h)aı			410	U
191-24-2	Benzo(g,h,i)po	erylene		96	J
			[		

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1248
Matrix: (soil/water) WATER	Lab Sample ID: A1248-05B
Sample wt/vol: 5.000 (g/mL) N	ML Lab File ID: V6C2411
Level: (low/med) LOW	Date Received: 08/21/02
% Moisture: not dec.	Date Analyzed: 08/28/02
GC Column: DB-624 ID: 0.25 (mm)	Dilution Factor: 4.0
Soil Extract Volume:(uL)	Soil Aliquot Volume:(uL
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Tota	

RPA SAMPLE NO.

1227115

0

33 | U

33 U

33 | U

33 U 33 | U

33 U

Lab Name: MITKEM CORPORATION Contract: SDG No.: A1248 SAS No.: Case No.: Lab Code: MITKEM Lab Sample ID: A1248-05A Matrix: (soil/water) WATER S1D0609 Lab File ID: 300.0 (g/mL) ML Sample wt/vol: Date Received: 08/21/02 (low/med) LOW Level: Date Extracted: 08/23/02 decanted: (Y/N)\_\_\_ % Moisture: Date Analyzed: 08/28/02 1000 (址) Concentrated Extract Volume:

Dilution Factor: 1.0 1.0(uL) Injection Volume:

COMPOUND

pH:\_\_\_\_ (Y/N) N GPC Cleanup:

218-01-9-----Chrysene

205-99-2-----Benzo (b) fluoranthene

207-08-9-----Benzo(k) fluoranthene

193-39-5----Indeno(1,2,3-cd)pyrene\_

53-70-3-----Dibenzo(a,h)anthracene

191-24-2-----Benzo(q,h,i)perylene

50-32-8-----Benzo (a) pyrene

CAS NO.

310 91-20-3-----Naphthalene 26 J 91-57-6----2-Methylnaphthalene 33 U 208-96-8-----Acenaphthylene 33 U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran\_ 33 U 86-73-7-----Fluorene 33 U 85-01-8-----Phenanthrene 33 U 120-12-7-----Anthracene 33 | U 206-44-0-----Fluoranthene 33 U 129-00-0-----Pyrene 33 U 56-55-3-----Benzo(a)anthracene 33 U

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

# U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

b Name:	MITKEM_CO	ORPORATION	Contr	act:			1227115
b Code:	MITKEM	Case No.:		SAS No.	:		SDG No.: A1248
atrix (soil/wa	ater):	SOIL			Lab Samp	le ID:	A1248-05A
vel (low/me	ed):	MED			Date Rece	ived:	08/21/02
Solids:		81.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	CAB No.	Analyte	Concentration		•		
	7420 00 5	A huminum		$\dashv$		NR	
	7429-90-5	Aluminum				NR NR	
	7440-36-0 7440-38-2	Antimony Arsenic			<del></del>	NR NR	
	7440-38-2	Barium				NR	
	7440-39-3	Beryllium				NR	
	7440-43-9	Cadmium		-++		NR	
	7440-70-2	Calcium	<del></del> -			NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron			·	NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				⊤NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	
	7440-09-7	Potassium				NR]	
	7782-49-2	Selenium				NR]	
	7440-22-4	Silver				$\prod$ NR]	
	7440-23-5	Sodium				_NR	
	7440-28-0	Thallium				NR]	
	_7440-62-2	Vanadium				NR]	
	7440-66-6	Zinc				NR	
		Cyanide	0.29	U	NJ	CA	
	L	<u> </u>	1				
lor Before:		<del></del>	Clarity Before:				Texture:
lor After:			Clarity After:				Artifacts:
mments:							

FORM I - IN

SW846

EPA SAMPLE NO.

12211512

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-08B

Sample wt/vol:

5.2 (g/mL) G

Lab File ID:

V4B3064

Level:

(low/med) MED Date Received: 08/21/02

% Moisture: not dec. 16

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53

Dilution Factor: 1.0

Soil Extract Volume:

5 (mL)

(mm)

Soil Aliquot Volume:

100.0 (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG Q

100-41-4Ethylbenzene 5400 1330-20-7Xylene (Total) 8300			U
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EPA SAMPLE NO.

12211512

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-08A

Sample wt/vol:

30.1 (g/mL) G

Lab File ID: S2C9084

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: 16

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/30/02

Injection Volume:

1.0(uL)

CONCENTRATION UNITS:

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N

pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/K	g) UG/KG	Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5	Naphthalene2-MethylnaphtAcenaphthylenAcenaphthenePluorenePhenanthrenePyreneBenzo(a)anthraChryseneBenzo(b)fluoraBenzo(a)pyreneBenzo(a)pyreneIndeno(1,2,3-c	halene e acene anthene anthene e anthene	6400 2100 1400 4600 2400 4700 26000 6800 19000 20000 7600 4700 6400 2600 6100	J
191-24-2	Benzo(a,h)ar Benzo(g,h,i)pe	erylene	410 1400	

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	12211512	
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: A1248	
Matrix: (soil/water)	WATER	Lab Sample ID:	A1248-08B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2467	
Level: (low/med)	LOW	Date Received:	08/21/02	
% Moisture: not dec.		Date Analyzed:	08/29/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		
			1 U 4 27 54	

BPA SAMPLE NO.

12211512

Contract: Lab Name: MITKEM CORPORATION SDG No.: A1248

Case No.: Lab Code: MITKEM

SAS No.:

Lab Sample ID: A1248-08A Matrix: (soil/water) WATER

Lab File ID: S1D0623 300.0 (g/mL) ML sample wt/vol:

Date Received: 08/21/02 (low/med) LOW Level:

Date Extracted: 08/23/02 % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Analyzed: 08/29/02 Concentrated Extract Volume: 1000 (uL)

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

GPC Cleanup: (Y/N) N pH: \_\_\_\_

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

91-20-3Naphthalene 91-57-62-Methylnaphthalene 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Dibenzofuran	240 7 33 13 4 6	ŧ
86-73-7Fluorene 85-01-8Phenanthrene 120-12-7Anthracene	20 33	J
206-44-0Fluoranthene 129-00-0Pyrene	5	J
56-55-3Benzo(a)anthracene 218-01-9Chrysene 205-99-2Benzo(b)fluoranthene	33 33 33	ប
207-08-9Benzo(k)fluoranthene 50-32-8Benzo(a)pyrene	33 33	ប
193-39-5Indeno(1,2,3-cd)pyrene 53-70-3Dibenzo(a,h)anthracene 191-24-2Benzo(g,h,i)perylene	33 33 33	U
191-24-2Benzo (9,11,1/peryrane	 	

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

-l. Ma	Managara Co		0	-n.at.			12211512
ab Name:	MITKEM_CO	ORPORATION	Cont	ract:			
ab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1248
latrix (soil/w	ater):	SOIL		L	ab Samp	ole ID:	A1248-08A
evel (low/me	ed):	MED		D	ate Rece	eived:	08/21/02
Solids:		84.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	7429-90-5	Aluminum	<del>- </del>			NR	
	7440-36-0	Antimony				NR	
	7440-38-2	Arsenic				NR	
	7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				$\prod$ NR]	
	7440-70-2	Calcium				NR]	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron_				NR	
	7439-92-1	Lead				NR	
	_7439-95-4	Magnesium				_NR	
	_7439-96-5	Manganese				NR	
	_7439-97-6	Mercury				NR	
	_7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR	
	_7782-49-2	Selenium				NR	
	7440-22-4	Silver		<del>-   -  </del>	<del>_</del> _	NR	
	7440-23-5	Sodium		<del>  </del>	·	NR	
	7440-28-0	Thallium				NR NR	
	7440-62-2	Vanadium_				-NR	
	_7440-66-6	Zinc	0.28	U	NJ	CA	
		Cyanide	0.28				
-1- D 6			Clasia Dofasa				Texture:
olor Before:			Clarity Before:	•	<del></del>		Texture:
Color After:	<del></del>		Clarity After:				Artifacts:
Comments:							
			<del></del>				

FORM I - IN

SW846

EPA SAMPLE NO.

XX0819021

Lab Name: MITKEM CORPORATION

Contract:

18950-122 11512 (DUP

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-11B

Sample wt/vol:

5.0 (q/mL) G

Lab File ID:

V4B3065

Level:

(low/med)

MED

Date Received: 08/21/02

% Moisture: not dec. 16

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

CAS NO.

5 (mL)

Soil Aliquot Volume:

100.0 (uL)

CONCENTRATION UNITS:

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	60 60 1300 3000	_
ryiche (rotar)		

XX0819021

Lab Name: MITKEM CORPORATION

Contract:

RPSBIZZIISIZ DUP

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-11A

Sample wt/vol:

30.4 (g/mL) G

Lab File ID: S2C8926

LOW

CONCENTRATION UNITS:

Level: (low/med)

Date Received: 08/21/02

% Moisture: 16

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume:

1000(uL)

Date Analyzed: 08/24/02

Injection Volume:

1.0(uL)

Dilution Factor: 10.0

GPC Cleanup:

(Y/N) N

pH: \_\_\_

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	XX0819021 RPSB12211512 (DUP)
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No.: A1248
Matrix: (soil/water)	WATER	Lab Sampl	e ID: A1248-11B
Sample wt/vol:	5.000 (g/mL) ML	Lab File	ID: V6C2469
Level: (low/med)	LOW	Date Rece	eived: 08/21/02
% Moisture: not dec.		Date Anal	yzed: 08/29/02
GC Column: DB-624	ID: 0.25 (mm)	Dilution	Factor: 1.0
Soil Extract Volume:	(uL)	Soil Aliq	ruot Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION U (ug/L or ug/Kg)	
			1 6 9 30

XX0819021 RPSB122 11512/008)

Lab Name: MITKEM CORPORATION

Contract:

SDG No.: A1248

Lab Code: MITKEM

Case No.:

SAS No.:

Matrix: (soil/water) WATER

Lab File ID:

CONCENTRATION UNITS:

Lab Sample ID: Al248-11A

Sample wt/vol:

300.0 (g/mL) ML

S1D0628

Level:

(low/med)

Date Received: 08/21/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_

LOW

Date Extracted: 08/23/02

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 08/29/02

Injection Volume:

1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_

# U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	MITKEM_CO	ORPORATION_	Сол	ract:			XX081 RPSB 122	9021 1151Z (PUP)
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1248
Matrix (soil/w	rater):	SOIL		I	Lab Samp	le ID:	A1248-	11A
Level (low/me	ed):	MED		I	Date Rece	eived:	08/21/02	2
% Solids:		84.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	M		
	7429-90-5	Aluminum_				NR		
	7440-36-0	Antimony				NR		
	7440-38-2	Arsenic			<del></del>	NR		
	7440-39-3	Barium				NR]		
	7440-41-7	Beryllium_				NR		
	7440-43-9	Cadmium				NR		
	_7440-70-2	Calcium				NR		
	_7440-47-3	Chromium				NR		
	7440-48-4	Cobalt				NR		
	_7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium		_	<del></del>	NR		
	_7439-96-5	Manganese				NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	_7440-09-7	Potassium				NR		
	_7782-49-2	Selenium				NR		
	7440-22-4	Silver				NR		
	7440-23-5	Sodium				NR NR		
	7440-28-0	Thallium				NR NR		
	7440-62-2	Vanadium				NR NR		
	_7440-66-6	Zinc	0.26	U	NI	<del></del>		
		Cyanide	0.26		N J	CA		
Color Before:			Clarity Before:				Texture:	
Color After:			Clarity After:				Artifacts:	
		-11-Ti-Ti-	Carry Alter.	<del></del>			Annacis:	
Comments:								
					-		····	

FORM I - IN

SW846

EPA SAMPLE NO.

1222737

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248

Matrix: (soil/water) SOIL Lab Sample ID: A1248-06B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V4B3081

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: not dec. 16
Date Analyzed: 08/27/02

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

71-43-2-----Benzene 1 U
108-88-3-----Toluene 1 U
100-41-4-----Ethylbenzene 1 U
1330-20-7-----Xylene (Total) 1 U

FORM I VOA

EPA SAMPLE NO.

1222737

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-06A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2C8896

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 16 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/		Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 193-39-5	Naphthalene2-MethylnaphtAcenaphthylenDibenzofuranFluorenePhenanthreneFluorantheneFluorantheneBenzo(a)anthraChryseneBenzo(b)fluoraBenzo(a)pyreneBenzo(a)pyrene	halene e acene anthene anthene e	390 390 390 390 390 390 390 390 390 390	ממממממממממממממ
	Dibenzo(a,h)ar Benzo(g,h,i)pe		390 390	· ,

EPA SAMPLE NO.

	. 1222737
Lab Name: MITKEM CORPORATION	Contract:
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: A1248
Matrix: (soil/water) WATER	Lab Sample ID: A1248-06B
Sample wt/vol: $5.000 (g/mL) ML$	Lab File ID: V6C2470
Level: (low/med) LOW	Date Received: 08/21/02
% Moisture: not dec	Date Analyzed: 08/29/02
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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 U 1 U 1 U 1 U

1222737

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al248

Matrix: (soil/water) WATER Lab Sample ID: A1248-06A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: \$1D0624

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: \_\_\_\_ decanted: (Y/N) \_\_\_ Date Extracted:08/23/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/29/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

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

A		
91-20-3Naphthalene	.  11	IJ
91-57-62-Methylnaphthalene	33	ĮU
208-96-8Acenaphthylene	33	ĮŪ
83-32-9Acenaphthene	33	ַ
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	ט
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	ט
206-44-0Fluoranthene	33	ប
129-00-0Pyrene	33	ט
56-55-3Benzo(a)anthracene	33	U
218-01-9Chrysene	33	ប
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k)fluoranthene	33	ប
50-32-8Benzo(a)pyrene	33	U
193-39-5Indeno (1, 2, 3-cd) pyrene	33	ប
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	U

# U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

b Name:	MITKEM_CO	ORPORATION	Cont	ract:	•		1222737
o Code:	MITKEM	Case No.:		SAS No.:		<del></del>	SDG No.: A1248
ıtrix (soil/wa	iter):	SOIL		I	.ab Samp	le ID:	A1248-06A
vel (low/me	d):	MED		Ι	Date Rece	eived:	08/21/02
Solids:		84.0					
	Concentration	Units (ug/L or mg	kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	7429-90-5	Aluminum				NR	
i		Antimony				NR	
	_/440-38-0 	Arsenic	<del></del>			NR	
	7440-39-3	Barium				NR	
		Beryllium			•	NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium			_	NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	lron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				NR]	
	7439-96-5	Manganese				NR	
i	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	
	7440-09-7	Potassium			<u></u>	NR	
	_7782-49-2	Selenium				NR	
	_7440-22-4	Silver				NR	
į	_7440-23-5	Sodium				NR	
	_7440-28-0	Thallium				NR	
	_7440-62-2	Vanadium			_	NR	
	_7440-66-6	Zinc	<del></del>		· · · · · · · · · · · · · · · · · · ·	NR	
		Cyanide	0.27	U	NJ	CA	
	. , , , , , , , , , , , , , , , , , , ,						
lor Before:			Clarity Before:				Texture:
lor After:			Clarity After:				Artifacts:
mments:							

FORM I - IN

SW846

100-41-4----Ethylbenzene

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

1 0

1 0

1227477 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Matrix: (soil/water) SOIL Lab Sample ID: A1248-07B 5.1 (g/mL) G Lab File ID: Sample wt/vol: V4B3086 Level: (low/med) LOW Date Received: 08/21/02 % Moisture: not dec. 22 Date Analyzed: 08/27/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/KG COMPOUND Q 71-43-2-----Benzene 1 | U 108-88-3-----Toluene 1 0

1227477

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-07A

Sample wt/vol:

30.5 (g/mL) G

Lab File ID: S2C8897

LOW

Date Received: 08/21/02

% Moisture: 22

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/23/02

Injection Volume:

Level: (low/med)

1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup:

(Y/N) N

рн: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)		_ Q 
91-20-3	Naphthalene		420	
01-57-6	2-Methylnaphthal	ene	420	טן
31-37-0	Acenaphthylene_		420	[ซ
200-30-0	Acenaphthene		420	U
122 64 0	Dibenzofuran		420	U
132-04-3	Fluorene		420	U
86-73-7	Phenanthrene		420	ש
82-01-8	Anthracene		420	U
120-12-7	Pluszanthene		420	U
206-44-0	Fluoranthene		420	
129-00-0	Pyrene	me	420	
56-55-3	Benzo (a) anthrace		420	
218-01-9	Chrysene	hono	420	
205-99-2	Benzo(b) fluorant	hene	420	1
207-08-9	Benzo(k)fluorant	nene	420	
50-32-8	Benzo (a) pyrene		420	
193-39-5	Indeno(1,2,3-cd)	pyrene	420	ì
53-70-3	Dibenzo(a,h)anth	racene	420	
191-24-2	Benzo(g,h,i)pery	Tene	420	U

EPA SAMPLE NO.

1227477 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Lab Sample ID: A1248-07B Matrix: (soil/water) WATER Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2466 Level: (low/med) Date Received: 08/21/02 LOW Date Analyzed: 08/29/02 % Moisture: not dec. Dilution Factor: 1.0 GC Column: DB-624 ID: 0.25 (mm) Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L CAS NO. COMPOUND Q 1 U 71-43-2----Benzene 1 U 108-88-3-----Toluene 100-41-4-----Ethylbenzene 1330-20-7-----Xylene (Total) 1 U

33 U

33 U

33 U

33 U

33 U

1227477 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Matrix: (soil/water) WATER Lab Sample ID: A1248-07A 300.0 (g/mL) ML Lab File ID: Sample wt/vol: S1D0610 Level: (low/med) LOW Date Received: 08/21/02 \_\_\_\_\_ decanted: (Y/N) Date Extracted: 08/23/02 % Moisture: Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/02 Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: CONCENTRATION UNITS: CAS NO. (uq/L or uq/Kq) UG/L COMPOUND 0 91-20-3-----Naphthalene 33 | U 91-57-6----2-Methylnaphthalene 33 U 208-96-8-----Acenaphthylene 33 U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33 U 86-73-7-----Fluorene 33 U 85-01-8-----Phenanthrene 33 U 120-12-7-----Anthracene 33 U 206-44-0-----Fluoranthene 33 | U 129-00-0-----Pyrene 33 | U 56-55-3-----Benzo (a) anthracene 33 U 218-01-9-----Chrysene 33 U 205-99-2-----Benzo (b) fluoranthene 33 U

207-08-9-----Benzo(k) fluoranthene

193-39-5----Indeno(1,2,3-cd)pyrene

53-70-3-----Dibenzo(a,h)anthracene

191-24-2----Benzo(g,h,i)perylene

50-32-8-----Benzo (a) pyrene

# U.S. EPA - CLP

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	MITKEM_CO	ORPORATION	Cont	ract:		<del></del>	1227	7477
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1248_
Matrix (soil/wa	ater):	SOIL			Lab Samp	ole ID:	A1248-	07A
Level (low/me	d):	MED			Date Reco	eived:	08/21/02	2
% Solids:		78.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum	-			NR		
	7440-36-0	Antimony —				$\prod$ NR]		
	7440-38-2	Arsenic				NR		
	7440-39-3	Barium				NR]		
	7440-41-7	Beryllium				NR]		
	7440-43-9	Cadmium				NR]		
	_7440-70-2	Calcium				NR		
,	7440-47-3	Chromium				NR		
	7440-48-4	Cobalt				NR		
	_7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
	7439-92-1	Lead				NR		
	7439-95-4	Magnesium			· · · · · · · · · · · · · · · · · · ·	NR		
	_7439-96-5	Manganese				NR		
	7439-97-6	Метсигу				NR	•	
	_7440-02-0	Nickel				NR		
	_7440-09-7	Potassium				NR		
	7782-49-2	Selenium_				NR		
	7440-22-4	Silver		<del></del>		NR		
	7440-23-5	Sodium				NR		
	7440-28-0	Thallium				NR NR		
	7440-62-2	Vanadium			<del></del>	NR		
	_7440-66-6	Zinc	0.20		NT series	NR		
		Cyanide	0.30	U	NŢ	CA		
Color Before:			Clarity Before:				Texture:	
		<del></del>	•		<del> </del>			~
Color After:			Clarity After:				Artifacts:	
Comments:								
						. <del></del>		

EPA SAMPLE NO.

1231626

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1213

Matrix: (soil/water) SOIL

Lab Sample ID: A1213-01B

Sample wt/vol:

5.2 (g/mL) G

Lab File ID: V4B3049

Level: (low/med) MED Date Received: 08/15/02

% Moisture: not dec. 14

Date Analyzed: 08/24/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 50.0

Soil Extract Volume: 5(mL)

Soil Aliquot Volume: 100.0(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	2800 2800 180000 220000	U <b>J</b>
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1231626

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1213

Matrix: (soil/water) SOIL

Lab Sample ID: A1213-01A

Sample wt/vol: 30.6 (g/mL) G Lab File ID:

S1D0434

Level: (low/med) LOW

Date Received: 08/15/02

% Moisture: 14

decanted: (Y/N) N

Date Extracted: 08/15/02

Concentrated Extract Volume: 10000(uL)

CAS NO.

Date Analyzed: 08/20/02

Injection Volume: 1.0(uL)

COMPOUND

Dilution Factor: 15.0

GPC Cleanup: (Y/N) N

рн: \_\_\_

CONCENTRATION	UNITS:
(ug/L or ug/K	a) UG/KG

91-20-3Naphthalene	780000
91-57-62-Methylnaphthalene	520000
208-96-8Acenaphthylene	26000 J
83-32-9Acenaphthene	120000
132-64-9Dibenzofuran	19000 J
86-73-7Fluorene	180000
85-01-8Phenanthrene	400000
120-12-7Anthracene	84000
206-44-0Fluoranthene	120000
129-00-0Pyrene	220000
56-55-3Benzo(a)anthracene	70000
218-01-9Chrysene	80000
205-99-2Benzo (b) fluoranthene	37000 J
207-08-9Benzo(k)fluoranthene	18000 J
50-32-8Benzo (a) pyrene	47000 J
193-39-5Indeno (1, 2, 3-cd) pyrene	18000 J
53-70-3Dibenzo(a,h)anthracene	57000   บ
191-24-2Benzo(g,h,i)perylene	20000 J

EPA SAMPLE NO.

1231626 SDG No.: A1213 Lab Sample ID: A1213-01B V6C2332

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.:

SAS No.:

Matrix: (soil/water) WATER

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID:

Level:

(low/med) LOW Date Received: 08/15/02

% Moisture: not dec.

Date Analyzed: 08/26/02

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

Dilution Factor: 12.0

Soil Extract Volume: (uL)

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	72 12 1700 2400	
--	--------------------------	--

COMPOUND

CAS NO.

Q

1231626 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1213 Matrix: (soil/water) WATER Lab Sample ID: A1213-01A Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0589 Level: (low/med) LOW Date Received: 08/15/02 % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 08/21/02 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/28/02 Injection Volume: 1.0 (uL) Dilution Factor: 2.0 GPC Cleanup: (Y/N) N pH: \_\_\_\_

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

91-20-3Naphthalene	1000	
91-57-62-Methylnaphthalene	220	· · · · · · · · · · · · · · · · · · ·
208-96-8Acenaphthylene	7	J
83-32-9Acenaphthene	45	J
132-64-9Dibenzofuran	67	U
86-73-7Fluorene	34	J
85-01-8Phenanthrene	44	J
120-12-7Anthracene	67	U
206-44-0Fluoranthene	67	ט
129-00-0Pyrene	67	U
56-55-3Benzo(a)anthracene	67	U
218-01-9Chrysene	67	U
205-99-2Benzo (b) fluoranthene	67	U
207-08-9Benzo(k) fluoranthene	67	U
50-32-8Benzo (a) pyrene	67	U
193-39-5Indeno(1,2,3-cd)pyrene	67	Ū
53-70-3Dibenzo(a,h)anthracene	67	U
191-24-2Benzo(g,h,i)perylene	67	U

# U.S. EPA - CLP

# EPA SAMPLE NO.

		INO	RGANIC ANALY	SIS DATA	SHEET		
Lab Name:	MITKEM_C	ORPORATION	Co	ontract:		<del></del>	1231626
Lab Code:	MITKEM	Case No.:		SAS No	o.:		SDG No.: A1213
Mat <del>ri</del> x (soil/w	vater):	SOIL			Lab Samp	ole ID:	A1213-01A
Level (low/mo	ed):	MED			Date Reco	eived:	08/15/02
% Solids:		86.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum				NR	
	7440-36-0					NR	
	7440-38-2				<u> </u>	NR	
	7440-39-3				<u> </u>	NR	
	7440-41-7	Beryllium				NR	
	_7440-43-9	1 -				NR	
	7440-70-2	Calcium				NR	
	_7440-47-3					NR	
	_7440-48-4	Cobalt				NR	
	_7440-50-8	Copper				NR	
	_7439-89-6	Iron			ļ	NR	
	7439-92-1	Lead				NR	
	_7439-95-4	Magnesium				NR	
	7439-96-5	Manganese				NR	
	_7439-97-6	Mercury	<del></del>		<del> </del>	NR	
	7440-02-0					NR	
	_7440-09-7	Potassium	<u></u>			NR	
	_7782-49-2				ļ	NR	
	_7440-22-4	Silver				NR	
	_7440-23-5	Sodium	<b>I</b>		<del> </del>	NR	
	_7440-28-0	Thallium				NR	
	_7440-62-2	Vanadium			ļ	NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.33	B_		CA	
Color Before:			Clarity Before:	-			Texture:
	·		-		·		Artifacts:
Color After:		<u> </u>	Clarity After:	_			Alliavo
Comments:							

FORM I - IN

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EPA SAMPLE NO.

1238086

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1206

Matrix: (soil/water) SOIL

Lab Sample ID: A1206-01B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID:

MED

V4B3028

Level:

(low/med)

Date Received: 08/14/02

% Moisture: not dec. 21

Date Analyzed: 08/23/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0 (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	63 63 92 1600	U U
		<del></del>

EPA SAMPLE NO.

1238086

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al206

Matrix: (soil/water) SOIL Lab Sample ID: A1206-01A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S1D0431

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: 21 decanted: (Y/N) N Date Extracted:08/14/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 08/20/02

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

180000 91-20-3-----Naphthalene 89000 91-57-6----2-Methylnaphthalene 56000 208-96-8-----Acenaphthylene 5500 J 83-32-9-----Acenaphthene 4200 J 132-64-9-----Dibenzofuran 38000 86-73-7----Fluorene 100000 85-01-8-----Phenanthrene 32000 120-12-7-----Anthracene 37000 206-44-0----Fluoranthene 61000 129-00-0-----Pyrene 18000 56-55-3-----Benzo(a)anthracene 20000 218-01-9-----Chrysene 11000 J 205-99-2----Benzo (b) fluoranthene 5700 J 207-08-9-----Benzo(k)fluoranthene 14000 50-32-8-----Benzo(a)pyrene 5300 J 193-39-5-----Indeno(1,2,3-cd)pyrene\_ 1300 J 53-70-3-----Dibenzo(a,h)anthracene 6500 J 191-24-2----Benzo(g,h,i)perylene\_

EPA SAMPLE NO.

Lab Name: MITKEM CORPOR	RATION C	Contract:	1238086	
Lab Code: MITKEM Cas	se No.:	SAS No.: SDG	No.: A1206	
Matrix: (soil/water) WA	ATER	Lab Sample ID	: A1206-01B	
Sample wt/vol: 5.	.000 (g/mL) ML	Lab File ID:	V6C2256	
Level: (low/med) LC	OW	Date Received	: 08/14/02	
% Moisture: not dec		Date Analyzed	08/22/02	
GC Column: DB-624 ID	D: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	/olume:(u	止)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I		
71-43-2 108-88-3 100-41-4 1330-20-7	-Toluene -Ethylbenzene		22 31 51 290	

COMPOUND

CAS NO.

EPA SAMPLE NO.

Q

1238086 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SDG No.: A1206 SAS No.: Matrix: (soil/water) WATER Lab Sample ID: A1206-01A Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0424 Level: (low/med) LOW Date Received: 08/14/02 % Moisture: \_\_\_\_ decanted: (Y/N) Date Extracted: 08/15/02 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/20/02 Dilution Factor: 2.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

91-20-3Naphthalene	840	
91-57-62-Methylnaphthalene	100	·
208-96-8Acenaphthylene		
83-32-9Acenaphthene	<del></del>   67	Ū
132-64-9Dibenzofuran	67	,
86-73-7Fluorene	<sub>22</sub>	J
85-01-8Phenanthrene	32	J
120-12-7Anthracene		
206-44-0Fluoranthene	67	l <del>u</del>
129-00-0Pyrene	67	ΙŪ
56-55-3Benzo(a)anthracene	67	U
218-01-9Chrysene	67	tr
205-99-2Benzo (b) fluoranthene	_  67	U
207-08-9Benzo(k)fluoranthene	67	1 -
50-32-8Benzo(a)pyrene	67	! - !
193-39-5Indeno(1,2,3-cd)pyrene	-  67	;
53-70-3Dibenzo(a,h)anthracene	-  67	1
191-24-2Benzo (g, h, i) perylene	-\ 67	ŭ
zzz zz z zamo (g/m/z/poz/italo	-	
	!	[ <del></del>

## U.S. EPA - CLP

## I INORGANIC ANALYSIS DATA SHEET

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<b>EPA</b>	~ 4	1 (T) T	т	> T/
PPA	<b>~</b> ~	me		NII

ıb Name:	MITKEM_C	ORPORATION	Cont	ract:			1238	8086
ıb Code:	MITKEM	Case No.:		SAS No.:	<del></del>		SDG No.:	A 1206
atrix (soil/w	rater):	SOIL		L	ab Samp	ole ID:	A1206-	01A
evel (low/me	ed):	MED		E	ate Rece	eived:	08/14/02	2
Solids:		79.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	C	Q	М		
	7429-90-5	Aluminum				NR		
	7429-90-3 _7440-36-0					NR		
	7440-36-0 _7440-38-2					NR		
	7440-38-2 _7440-39-3					NR		
	7440-39-3 7440-41-7					NR		
	_7440-43-9					NR		
	7440-70-2					NR		
	7440-47-3					NR		
	7440-48-4					NR		
	7440-50-8					NR		
	7439-89-6	Iron		1 1		NR		
		Lead				NR		
	7439-95-4	Magnesium	Y			NR		
	_7439-96-5	_				NR		
	7439-97-6	_				NR.		
	7440-02-0	Nickel				NR		
	7440-02-0	Potassium	í		<del></del>	NR		
	7782-49-2					NR		
	7440-22-4	Silver				NR		
	7440-23-5	Sodium	ì			NR.		
	_7440-23-3	Thallium				NR		
	7440-62-2	Vanadium				NR		
	7440-66-6	Zinc				NR		
	_ / 140-00-0	Cyanide	0.26	U		CA.		
		Cyamuc			'			
			Ot 1: D C				Toutura	
olor Before:			Clarity Before:				Texture:	<del></del>
olor After:		(	Clarity After:	<del></del>	<del></del>		Artifacts:	
omments:								
	· · · · · · · · · · · · · · · · · · ·					<del> </del>		

FORM I - IN

EPA SAMPLE NO.

1231001045 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1206 Matrix: (soil/water) SOIL Lab Sample ID: A1206-02B Sample wt/vol: 5.0 (g/mL) GLab File ID: V4B3026 Level: (low/med) LOW Date Received: 08/14/02 % Moisture: not dec. 21 Date Analyzed: 08/22/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

 CAS NO.
 COMPOUND
 (ug/L or ug/Kg) UG/KG
 Q

 71-43-2------Benzene
 1 U

 108-88-3-----Toluene
 1 U

 100-41-4-----Ethylbenzene
 1 J

 1330-20-7-----Xylene (Total)
 6

EPA SAMPLE NO.

1231001045

Lab Name: MITKEM CORPORATION

Contract:

Case No.: SAS No.: SDG No.: A1206

Matrix: (soil/water) SOIL

Lab Sample ID: A1206-02A

Sample wt/vol:

Lab Code: MITKEM

30.4 (g/mL) G

S1D0397 Lab File ID:

Level: (low/med) LOW

Date Received: 08/14/02

% Moisture: 21 decanted: (Y/N) N

Date Extracted: 08/14/02

Concentrated Extract Volume: 1000(uL)

CONCENTRATION UNITS:

Date Analyzed: 08/17/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q 
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9	Naphthalene2-MethylnaphthaAcenaphthyleneAcenaphthenePibenzofuranPhenanthreneFluoranthenePyreneBenzo(a)anthrac	leneene	ug/Kg)	160 420 420 420 420 55 420 420 420 420 420	
207-08-9 50-32-8 193-39-5 53-70-3	Benzo(k) fluoran Benzo(a) pyrene Indeno(1,2,3-cd Dibenzo(a,h) ant Benzo(g,h,i) per	thene )pyrene hracene		420 420 420 420 420	U U

EPA SAMPLE NO.

Lab Name: MITKEM (	CORPORATION	Contract:	1231001045	
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: A1206	
Matrix: (soil/wate	er) WATER	Lab Sample ID	: A1206-02B	
Sample wt/vol:	5.000 (g/mL) <b>M</b> L	Lab File ID:	V6C2259	
Level: (low/med)	LOW	Date Received	: 08/14/02	
% Moisture: not de	ec	Date Analyzed	: 08/22/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Fact	or: 1.0	
Soil Extract Volum	ne:(uL)	Soil Aliquot	Volume:	(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/		
108-88-3	Benzene Toluene Ethylbenzene Xylene (Total)		1 U 2 20 16	

FORM I VOA

300.0 (g/mľ) Mľ

Lab File ID: S1D0399

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1206

Matrix: (soil/water) WATER Lab Sample ID: A1206-02A

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: decanted: (Y/N) Date Extracted:08/15/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/18/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

Sample wt/vol:

CONCENTRATION UNITS:

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

	<del></del>	Τ
91-20-3Naphthalene	6	J
91-57-62-Methylnaphthalene	33	Ū
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran	33	lυ
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	U
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo(a) anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k) fluoranthene	33	U
50-32-8Benzo (a) pyrene	33	U
193-39-5Indeno(1, 2, 3-cd) pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	U ,
191-24-2Benzo(g,h,i)perylene	33	υ
		i

## 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ıb Name:	MITKEM C	ORPORATION	Cont	ract:			123100	1045
b Code:	MITKEM_C	Case No.:		SAS No.:			SDG No.:	A1206
atrix (soil/wa	ater):	SOIL		L	ab Samp	ile ID:	A1206-0	)2A
vel (low/me	d):	MED		Σ	Date Rece	eived:	08/14/02	2
Solids:		79.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
					<del></del>	ND		
	_7429-90-5	Aluminum		-+-		NR		
	_7440-36-0	Antimony			<del></del>	NR		
	_7440-38-2	Arsenic		<del>-   -   -</del>		NR NR		
	_7440-39-3	Barium				NR NR		
	7440-41-7	Beryllium		<del></del>		NR NR		
	_7440-43-9	Cadmium	<del></del>			NR		
	_7440-70-2	Calcium				NR		
1	_7440-47-3	Chromium				NR		
	7440-48-4	Cobalt		<del>-  -  </del>		NR		
	7440-50-8	Copper				NR		
	7439-89-6 7439-92-1	Iron Lead				NR		
	_7439-92-1 _7439-95-4	Magnesium	•			NR		
	_7439-96-5	Manganese				NR		
	_7439-90-3 _7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	_7440-02-0	Potassium				NR		
	7782-49-2	Selenium	1			NR		
	_7440-22-4	Silver				NR		
	_7440-23-5	Sodium				NR		
	_7440-28-0	Thallium				NR	•	
	_7440-62-2	4				NR		
	_7440-66-6	Zinc				NR		
		Cyanide		В		CA		
					-			
lau Da Ĉ			Clarity Deferes				Texture:	
lor Before:			Clarity Before:					
lor After:			Clarity After:				Artifacts:	<del></del>
mments:								
	<del></del>				<del></del>			<del></del>

FORM I - IN

EPA SAMPLE NO.

123116121

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1206

Matrix: (soil/water) SOIL

Lab Sample ID: A1206-03B

Sample wt/vol:

5.2 (g/mL) G

Lab File ID:

V4B3029

Level: (low/med)

Date Received: 08/14/02

% Moisture: not dec. 16

Date Analyzed: 08/23/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 100.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume: 100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

0

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	130000 49000 96000 500000	
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EPA SAMPLE NO.

123116121

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1206

Matrix: (soil/water) SOIL

Lab Sample ID: Al206-03A

Sample wt/vol:

30.3 (g/mL) G

Lab File ID: S1D0429

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: 16

decanted: (Y/N) N

Date Extracted: 08/14/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 08/20/02

Injection Volume: 1.0(uL)

Dilution Factor: 75.0

CONCENTRATION UNITS:

GPC Cleanup:

(Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or			Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0	Naphthalene2-MethylnaphthaleAcenaphthyleneAcenaphtheneDibenzofuranFluorenePhenanthreneAnthracene	ene	ug/Kg)	3800000 1600000 720000 91000 59000 540000 440000 490000 810000 250000	J J
218-01-9 205-99-2 207-08-9 50-32-8 193-39-5 53-70-3		nene nene oyrene acene		270000 130000 56000 180000 68000 290000 85000	J J J J U

EPA SAMPLE NO.

123116121

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1206

Matrix: (soil/water) WATER

Lab Sample ID: A1206-03B

Sample wt/vol:

5.000 (g/mL) ML

Lab File ID: V6C2263

Level: (low/med) LOW

Date Received: 08/14/02

% Moisture: not dec.

Date Analyzed: 08/22/02

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

Dilution Factor: 16.0

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

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	2200 470 420 2500	

EPA SAMPLE NO.

123116121

Contract: Lab Name: MITKEM CORPORATION SDG No.: A1206 Case No.: SAS No.: Lab Code: MITKEM Lab Sample ID: A1206-03A Matrix: (soil/water) WATER 300.0 (g/mL) ML Lab File ID: S1D0430 Sample wt/vol: Date Received: 08/14/02 Level: (low/med) LOW Date Extracted: 08/15/02 % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Analyzed: 08/20/02 Concentrated Extract Volume: 1000(uL)

Injection Volume: 1.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO. COMPOUND CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

## U.S. EPA - CLP

## INORGANIC ANALYSIS DATA SHEET

	EPA SAMPLE NO.
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	123116121

Lab Name:	MITKEM C	ORPORATION	Co	ontract:			123116121
Lab Code:	MITKEM				.:		SDG No.: A1206
Matrix (soil/wa	ater):	SOIL			Lab Samp	ole ID:	A1206-03A
Level (low/med	d):	MED			Date Rece	eived:	08/14/02
% Solids:		84.0					
	Concentration	MG/KG					
	CAS No.	Analyte	Concentration	С	Q	М	
	7420 00 5	Aluminum				NR	
		Antimony				NR	
Ì		•				NR	
ŀ						NR	
						NR	
		Cadmium		1 1		NR	
İ		Calcium				NR	
ţ		Chromium		1 1		NR	
		Cobalt		1 1		NR	
				1 1		NR	
		<del></del>				NR	
ł		Lead		1 1		NR	
				) 1		NR	
		Manganese				NR	
ł						NR	
						NR	
İ						NR	
Ì						NR	
Ì						NR	
						NR	
		Thallium	•			NR	
]		Vanadium				NR	
Ì	7440-66-6					NR	
Ì	_, -10 00 0	Cyanide		บ		CA	
ļ					<del></del>		
Color Before:		· · · · ·	Clarity Before:				Texture:
Color After:			Clarity After:		<del></del>		Artifacts:
·			-				
Comments:							

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108-88-3-----Toluene

100-41-4----Ethylbenzene

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

5

2

10

123141146 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1206 Matrix: (soil/water) SOIL Lab Sample ID: A1206-04B Sample wt/vol: 5.2 (g/mL) G Lab File ID: V4B3027 Level: (low/med) LOW Date Received: 08/14/02 % Moisture: not dec. 13 Date Analyzed: 08/23/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (mL) CONCENTRATION UNITS: CAS NO. COMPOUND (uq/L or ug/Kg) UG/KG Q 71-43-2-----Benzene 7

EPA SAMPLE NO.

123141146

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1206

Matrix: (soil/water) SOIL

Lab Sample ID: A1206-04A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S1D0346

Level: (low/med) LOW

Date Received: 08/14/02

% Moisture: 13 decanted: (Y/N) N

Date Extracted:08/14/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/15/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3Naphthalene 91-57-62-Methylnaphthale 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Dibenzofuran 86-73-7Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0Pyrene 56-55-3Benzo (a) anthracen 218-01-9Benzo (b) fluoranth 207-08-9Benzo (b) fluoranth 50-32-8Benzo (a) pyrene 193-39-5Indeno (1, 2, 3-cd) p 53-70-3	380 380 380 380 380 380 380 380	บ บบ บบ บบ บบ บบ บบ บบ

EPA SAMPLE NO.

Lab Name: MJ	ITKEM CORI	PORATION	Cont	ract:		12	314114	6
Lab Code: Ml	ITKEM (	Case No.:	SAS	No.:	SDG	No.:	A1206	
Matrix: (soi	il/water)	WATER		Lab Sa	ample ID:	A120	6-04B	
Sample wt/vo	ol:	5.000 (g/mL	ı) ML	Lab F	ile ID:	V6C2	262	
Level: (lo	ow/med)	LOW		Date H	Received:	08/1	4/02	
% Moisture:	not dec.			Date A	Analyzed:	08/2	2/02	
GC Column: I	DB-624	ID: 0.25 (	mm)	Diluti	ion Facto	r: 1.	0	
Soil Extract	Volume:	(uL)		Soil A	Aliquot V	olume	:	(uL)
CAS N	NO.	COMPOUND		ONCENTRATION			Q	
108-8 100-4	38-3 41-4	Benzene Toluene Ethylbenz Xylene (T				1	ត ត ត	l

FORM I VOA

OLM03.0

123141146

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1206

Lab Sample ID: A1206-04A Matrix: (soil/water) WATER

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1.D0400

Level: (low/med) LOW Date Received: 08/14/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 08/15/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/18/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

91-57-62-Methylnaphthalene       7         208-96-8Acenaphthylene       5         83-32-9Acenaphthene       33         132-64-9Dibenzofuran       33         86-73-7Fluorene       33         85-01-8Phenanthrene       33         120-12-7Anthracene       33         206-44-0Fluoranthene       33         129-00-0	N-141-1		<u> </u>
208-96-8	91-20-3Naphthalene	52	
83-32-9		7	J
132-64-9		5	J
86-73-7Fluorene       33 U         85-01-8Phenanthrene       33 U         120-12-7Anthracene       33 U         206-44-0Fluoranthene       33 U         129-00-0		33	U
85-01-8Phenanthrene       33 U         120-12-7Anthracene       33 U         206-44-0Fluoranthene       33 U         129-00-0Pyrene       33 U         56-55-3Benzo (a) anthracene       33 U         218-01-9Chrysene       33 U         205-99-2Benzo (b) fluoranthene       33 U	132-64-9Dibenzofuran	33	U
120-12-7Anthracene       33 U         206-44-0Fluoranthene       33 U         129-00-0Pyrene       33 U         56-55-3Benzo (a) anthracene       33 U         218-01-9Chrysene       33 U         205-99-2Benzo (b) fluoranthene       33 U	86-73-7Fluorene	33	U
206-44-0Fluoranthene       33 U         129-00-0Pyrene       33 U         56-55-3	85-01-8Phenanthrene	33	U
129-00-0Pyrene   33 U	120-12-7Anthracene	33	U
56-55-3Benzo (a) anthracene       33 U         218-01-9Chrysene       33 U         205-99-2Benzo (b) fluoranthene       33 U	206-44-0Fluoranthene	33	ָּט וֹ
218-01-9Chrysene		33	ָ ט
205-99-2Benzo(b) fluoranthene 33 U		33	U
		33	ט
22 77	205-99-2Benzo(b) fluoranthene	33	ט
20/-08-9Benzo(k) Iluoranthene   33 U	207-08-9Benzo(k)fluoranthene	33	ט
50-32-8Benzo (a) pyrene 33 U	50-32-8Benzo (a) pyrene	33	υ
193-39-5Indeno (1, 2, 3-cd) pyrene 33 U	193-39-5Indeno(1, 2, 3-cd) pyrene	33	υ
53-70-3Dibenzo (a, h) anthracene   33   U	53-70-3Dibenzo(a,h)anthracene	33	υ
191-24-2Benzo(g,h,i)perylene 33 U	191-24-2Benzo(q,h,i)perylene	33 1	υ [

## U.S. EPA - CLP

## 1 INORGANIC ANALYSIS DATA SHEET

T'Th	C 4 3 / DI	T NIA
$H P \Delta$	SAMPL	HNII
LL		JL 130.

r): Concentration	SOIL MED 87.0			ab Samp		A1206-04A
	87.0		Γ	Date Rece	eived:	08/14/02
	87.0					
Concentration						
Concentration						
	MG/KG					
CAS No.	Analyte	Concentration	C	Q	М	
420.00.6	Aluminum		<del>-   -   -</del>	<del></del>	NR	
			<del></del>			
					— <del>r</del> 1	
					r· )	
	7	1			1 1	
	)	L .				
	1				—r- ı	
	1					
					NR	
	1 -				NR	
	<del>-</del>	1			NR	
	·-	ſ			_NR	
					_NR	
					NR	
	!	1			NR	
440-28-0						
440-62-2	1				NR	
440-66-6	Zinc				_NR	
	Cyanide	0.29	U_		CA	
	429-90-5 440-36-0 440-38-2 440-39-3 440-41-7 440-43-9 440-70-2 440-48-4 440-50-8 439-89-6 439-92-1 439-95-4 439-96-5 439-97-6 440-02-0 440-09-7 782-49-2 440-23-5 440-28-0 440-62-2	429-90-5 Aluminum 440-36-0 Antimony 440-38-2 Arsenic 440-39-3 Barium 440-41-7 Beryllium 440-43-9 Cadmium 440-47-3 Chromium 440-48-4 Cobalt 440-50-8 Copper 439-89-6 Iron 439-92-1 Lead 439-95-4 Magnesium 439-96-5 Manganese 439-97-6 Mercury 440-02-0 Nickel 440-09-7 Potassium 440-22-4 Silver 440-23-5 Sodium 440-28-0 Thallium 440-66-6 Zinc	429-90-5 Aluminum 440-36-0 Antimony 440-38-2 Arsenic 440-39-3 Barium 440-41-7 Beryllium 440-43-9 Cadmium 440-70-2 Calcium 440-47-3 Chromium 440-48-4 Cobalt 440-50-8 Copper 439-89-6 Iron 439-92-1 Lead 439-95-4 Magnesium 439-96-5 Manganese 439-97-6 Mercury 440-02-0 Nickel 440-09-7 Potassium 440-22-4 Silver 440-23-5 Sodium 440-28-0 Thallium 440-66-6 Zinc	429-90-5 Aluminum 440-36-0 Antimony 440-38-2 Arsenic 440-39-3 Barium 440-41-7 Beryllium 440-43-9 Cadmium 440-70-2 Calcium 440-47-3 Chromium 440-48-4 Cobalt 440-50-8 Copper 439-89-6 Iron 439-92-1 Lead 439-95-4 Magnesium 439-96-5 Manganese 440-02-0 Nickel 440-09-7 Potassium 782-49-2 Selenium 440-23-5 Sodium 440-28-0 Thallium 440-66-6 Zinc	429-90-5 Aluminum 440-36-0 Antimony 440-38-2 Arsenic 440-39-3 Barium 440-41-7 Beryllium 440-43-9 Cadmium 440-70-2 Calcium 440-47-3 Chromium 440-48-4 Cobalt 440-50-8 Copper 439-89-6 Iron 439-92-1 Lead 439-95-4 Magnesium 439-96-5 Manganese 439-97-6 Mercury 440-02-0 Nickel 440-09-7 Potassium 782-49-2 Selenium 440-22-4 Silver 440-28-0 Thallium 440-62-2 Vanadium 440-66-6 Zinc	A29-90-5

FORM I - IN

A O

EPA SAMPLE NO.

124713

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-01B

Sample wt/vol:

Lab File ID:

V4B3067

MED

Level:

(low/med)

Date Received: 08/21/02

% Moisture: not dec. 15

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 8.0

Soil Extract Volume:

5 (mL)

5.3 (q/mL) G

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene	26000 440	Ū
100-41-4Ethylbenzene	43000	
1330-20-7Xylene (Total)	4200	
	l 1	

124713

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-01A

Sample wt/vol:

30.0 (g/mL) G

Lab File ID: S2C9083

Level:

(low/med) LOW Date Received: 08/21/02

% Moisture: 15

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 5000(uL)

Date Analyzed: 08/30/02

Injection Volume:

1.0(址)

Dilution Factor: 20.0

GPC Cleanup: (Y/N) N

рH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATIO	N UNITS: Kg) UG/KG	Q
208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 50-32-8 193-39-5	2-Methylnaphti Acenaphthylene Dibenzofuran Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthra	aceneanthene_ecd)pyrene	340000 240000 39000 32000 14000 54000 170000 28000 56000 77000 22000 27000 16000 6800 16000 4800 39000 5600	J - J J J J J J J J

EPA SAMPLE NO.

					124713	
Lab Name: M	MITKEM COR	PORATION	Contract:		<del></del>	
Lab Code: M	ITKEM (	Case No.:	SAS No.:	SDG	No.: A1248	
Matrix: (sc	oil/water)	WATER	L	ab Sample ID:	A1248-01B	
Sample wt/v	ol:	5.000 (g/mL) ML	L	ab File ID:	V6C2410	
Level: (1	.ow/med)	LOW	D	ate Received:	08/21/02	
% Moisture:	not dec.		Da	ate Analyzed:	08/28/02	
GC Column:	DB-624	ID: 0.25 (mm)	. D:	ilution Facto	r: 2.0	
Soil Extrac	t Volume:	(uL)	So	oil Aliquot Vo	olume:	(uL)
CAS	NO.	COMPOUND		RATION UNITS: r ug/Kg) UG/L	Q	
108- 100-	88-3 41-4	Benzene Toluene Ethylbenzene Xylene (Total)			320 5 330 67	

GPC Cleanup: (Y/N) N

124713

Contract: Lab Name: MITKEM CORPORATION SDG No.: A1248 SAS No.: Case No.: Lab Code: MITKEM Lab Sample ID: A1248-01A Matrix: (soil/water) WATER Lab File ID: S1D0741 300.0 (g/mL) ML Sample wt/vol: Date Received: 08/21/02 Level: (low/med) LOW Date Extracted: 08/23/02 % Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_ Date Analyzed: 09/04/02 Concentrated Extract Volume: 1000(uL) Dilution Factor: 2.0 1.0(uL) Injection Volume:

CONCENTRATION UNITS:

(ug/L or ug/kg) UG/L Q

pH: \_\_\_\_

## 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

me:	MITALM_C	ORPORATION		itract:			L
de:	MITKEM	Case No.:		SAS No.	:		SDG No.: A1248
(soil/w	rater):	SOIL			Lab Samp	le ID:	A1248-01A
ow/me	ed):	MED			Date Rece	ived:	08/21/02
s:		85.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
		1				} }	
	7429-90-5	Aluminum			<del></del>	NR	
	7440-36-0	Antimony			·• · · · · · · · · · ·	NR	
	7440-38-2	Arsenic	<del></del>			NR	
	7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR]	
	7439-92-1	Lead				NR]	
	7439-95-4	Magnesium				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				NR	
	_7440-22-4	Silver				NR	
	_7440-23-5	Sodium				NR	
	_7440-28-0	Thallium				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc			\7	NR	
		Cyanide	0.43	В	N J	CA	
efore:	·	<del></del>	Clarity Before:	<del></del>	* *		Texture:
fter:		<del></del>	Clarity After:		<u>.</u>		Artifacts:
nts:							

FORM I - IN

EPA SAMPLE NO.

1241727 Lab Name: MITKEM CORPORATION Contract: SAS No.: SDG No.: A1248 Lab Code: MITKEM Case No.: Lab Sample ID: A1248-03B Matrix: (soil/water) SOIL Sample wt/vol: 5.0 (q/mL) G Lab File ID: V4B3110 Date Received: 08/21/02 Level: (low/med) % Moisture: not dec. 14 Date Analyzed: 08/28/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG CAS NO. Q COMPOUND ז ען 71-43-2-----Benzene 108-88-3----Toluene 1 U 1 0 100-41-4----Ethylbenzene 1330-20-7-----Xylene (Tota $\overline{1}$ ) 2

EPA SAMPLE NO.

1241727

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-03A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S2C8894

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L	or ug/Kg	) UG/KG	Q
91-20-3	Naphthalene			380	U
91-57-6	2-Methylnapht	halene		380	ប
208-96-8	Acenaphthyler	ie		380	ט
	Acenaphthene			380	שו
132-64-9	Dibenzofuran			380	U
	Fluorene			380	σ
	Phenanthrene			54	J
120-12-7	Anthracene			380	ט
	Fluoranthene		<del></del>	380	ש
129-00-0	Pvrene			49	J
	Benzo (a) anthr	acene		380	שׁ
	Chrysene			380	U
	Benzo(b)fluor	anthene		380	ט
	Benzo (k) fluor			380	ט
50-32-8	Benzo(a)pyren	.e		380	ט
193-39-5	Indeno (1, 2, 3-	cd) pyrene		380	ט
	Dibenzo (a,h) a			380	
	Benzo(g,h,i)p			380	บ

			1241727
Lab Name: MITKEM CORPORA	ATION C	Contract:	1211/2/
Lab Code: MITKEM Case	No.:	SAS No.: SDG	No.: Al248
Matrix: (soil/water) WAT	TER ·	Lab Sample ID:	A1248-03B
Sample wt/vol: 5.0	000 (g/mL) ML	Lab File ID:	V6C2338
Level: (low/med) LOW	រ	Date Received:	08/21/02
% Moisture: not dec		Date Analyzed:	08/26/02
GC Column: DB-624 ID:	0.25 (mm)	Dilution Facto	r: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot V	olume:(u
CAS NO. C	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2B 108-88-3T 100-41-4E 1330-20-7X	oluene thylbenzene		3 1 U 20 18

1241727

SDG No.: A1248

Contract: Lab Name: MITKEM CORPORATION

SAS No.:

Case No.: Lab Code: MITKEM

Lab Sample ID: A1248-03A Matrix: (soil/water) WATER

S1D0607 Lab File ID: 300.0 (g/mL) ML Sample wt/vol:

Date Received: 08/21/02 Level: (low/med) LOW

Date Extracted: 08/23/02 % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Analyzed: 08/28/02 Concentrated Extract Volume: 1000(uL)

Dilution Factor: 1.0 1.0(uL) Injection Volume:

рн: \_\_\_\_ GPC Cleanup: (Y/N) N

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

CAS NO.	COMPOSITE TO 15	· • · · ·	
91-20-3 91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9	Naphthalene2-MethylnaphthaleneAcenaphthyleneAcenaphtheneDibenzofuranFluorenePhenanthreneFluorantheneBenzo(a)anthraceneBenzo(b)fluorantheneBenzo(a)pyrene	33 33 33 33 33 33 33 33 33 33 33 33	מממממממממממממ
56-55-3 218-01-9 205-99-2 207-08-9	Benzo(a) anthracene Chrysene Benzo(b) fluoranthene Benzo(k) fluoranthene	33 33 33 33	บ บ บ
193-39-5 53-70-3	Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenzo(a,h)anthracene Benzo(g,h,i)perylene	33 33 33	U U

## U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

	_				
EPA	S	A۸	ΛPI	LΕ	NO

Jame:	<del></del>	ORPORATION					<del></del>
Code:	MITKEM	Case No.:		SAS No.:		<del></del>	SDG No.: A1248_
x (soil/w	/ater):	SOIL		L	ab Samp	ole ID:	A1248-03A
(low/m	ed):	MED		D	ate Rece	eived:	08/21/02
lids:		86.0					
	Concentration	Units (ug/L or mg.	kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum				NR	
	7440-36-0	Antimony				NR	
	7440-38-2	Arsenic Arsenic				NR	
	7440-39-3	Barium			· · · · · · ·	NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR]	
	7440-48-4	Cobalt				NR	
	7440-50-8	Соррег				NR]	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium_				NR	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR	
	7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR	
	7782-49-2	Selenium			<u> </u>	NR	
	_7440-22-4	Silver				NR	
	7440-23-5	Sodium				NR	
	7440-28-0	Thallium				NR	
	7440-62-2	Vanadium		-		NR	
	7440-66-6	Zinc	0.24	T 7	NI -T	NR	
		Cyanide	0.24	U	N.J	CA	
	h		<u>, , , , , , , , , , , , , , , , , , , </u>				
Before	<u> </u>	<del></del>	Clarity Before:		<del></del>		Texture:
After:		<del></del>	Clarity After:				Artifacts:
nents:							

FORM 1 - IN

EPA SAMPLE NO.

1242737

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No

SAS No.: SDG No.: A1248

Matrix: (soil/water) SOIL Lab Sample ID: A1248-02B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V4B3080

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: not dec. 17 Date Analyzed: 08/27/02

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

71-43-2-----Benzene 1 U
108-88-3-----Toluene 1
100-41-4----Ethylbenzene 1
1330-20-7-----Xylene (Total) 2

EPA SAMPLE NO.

1242737

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Sample wt/vol: 30.3 (g/mL) G

Lab File ID:

S2C8893

Level: (low/med) LOW

Date Received: 08/21/02

CONCENTRATION UNITS:

Lab Sample ID: A1248-02A

% Moisture: 17 decanted: (Y/N) N Date Extracted:08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/	(Kg) UG/KG		Q
91-57-6 208-96-8 83-32-9 132-64-9	Naphthalene2-MethylnaphtAcenaphthylenAcenaphtheneDibenzofuran	halene e		72 400 400 400 400 400	บ บ บ บ
85-01-8 120-12-7 206-44-0 129-00-0	Phenanthrene_ Anthracene_ Fluoranthene_ Pyrene			160 400 70 94	บ J
56-55-3 218-01-9 205-99-2 207-08-9	Benzo(a)anthr Chrysene Benzo(b)fluor Benzo(k)fluor	anthene		400 400 400 400 400	บ บ บ
193-39-5 53-70-3	Benzo(a)pyren Indeno(1,2,3- Dibenzo(a,h)a Benzo(g,h,i)p	cd)pyrene nthracene		400 400	U

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	1242737	
Lab Code: MITKEM		SAS No.: SDG	No.: A1248	
Matrix: (soil/water)	WATER	Lab Sample ID	: Al248-02B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2337	
Level: (low/med)	LOW	Date Received	: 08/21/02	
% Moisture: not dec.		Date Analyzed	: 08/26/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	/olume:(1	بلايا
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I		
			1 1 85	

Lab	Name:	MITKEM	CORPORATION	Contract:	1242737
		MITKEM	Case No.:	SAS No.:	SDG No.: A1248
עוטענ	COUG:	LITIVEL	CODE NO.:	ora no.:	3D3 NO.: ALZ40

Matrix: (soil/water) WATER Lab Sample ID: A1248-02A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0606

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/23/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/28/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/kg) UG/L Q

91-20-3Naphthalene	33	שׁ
91-57-62-Methylnaphthalene	33	U
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	ĮŪ
85-01-8Phenanthrene	33	
120-12-7Anthracene	33	ע
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo(a)anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k)fluoranthene	33	U
50-32-8Benzo(a)pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	U
53-70-3Dibenzo (a, h) anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33 أ	U

## U.S. EPA - CLP

# 1 INORGANIC ANALYSIS DATA SHEET

EPA	C 4	A COL	1	N IO
PPA	- A	MPI	н	$\sim$ 1.1

_ab Name:	MITKEM_CO	ORPORATION	Cont	ract:			1242	.737
ab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1248_
Matrix (soil/wa	ater);	SOIL		I	Lab Samp	ole ID:	A1248-	02A
evel (low/me	d):	MED		I	Date Rece	eived:	08/21/02	2
6 Solids:		83.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum				NR		
	7440-36-0	Antimony				NR		
	7440-38-2	Arsenic				NR		
	7440-39-3	Barium				[NR]		
	7440-41-7	Beryllium				NR]		
	7440-43-9	Cadmium				NR]		
	7440-70-2	Calcium				NR		
	7440-47-3	Chromium				_[NR]		
	7440-48-4	Cobalt		_		NR		
	7440-50-8_	Соррег		.   _   _		NR		
	7439-89-6	Iron				NR		
	_7439-92-1	Lead				_NR		
	_7439-95-4	Magnesium_				NR		
	_7439-96-5	Manganese				NR		
	_7439-97-6	Mercury				_NR		
	7440-02-0	Nickel				NR		
	_7440-09-7	Potassium		-		NR	-	
	_7782-49-2	Selenium				NR		
	_7440-22-4	Silver				NR		
	_7440-23-5	Sodium			<del></del> _	NR		
	_7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium			<del></del>	NR	_	
	_7440-66-6	Zinc	<del> </del>			NR	·	
		Cyanide	0.29	B	NJ	CA		
							<b></b>	
Color Before:	<del>- 12 ·</del>	<del></del>	Clarity Before:				Texture:	
Color After:			Clarity After:				Artifacts:	
Comments:								

FORM I - IN

71-43-2----Benzene

108-88-3-----Toluene

100-41-4----Ethylbenzene

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

1 | U

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1 U

1 0

1246777 Lab Name: MITKEM CORPORATION Contract: Case No.: SAS No.: SDG No.: A1248 Lab Code: MITKEM Matrix: (soil/water) SOIL Lab Sample ID: A1248-04B 5.0 (g/mL) G Lab File ID: Sample wt/vol: V4B3111 Date Received: 08/21/02 Level: (low/med) LOW Date Analyzed: 08/28/02 % Moisture: not dec. 15 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1246777

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-04A

Sample wt/vol:

30.2 (g/mL) G

Lab File ID: S2C8895

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 15

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/l	Kg) UG/KG	Q
91-20-3	Naphthalene		390	ט
	2-Methylnapht	halene	390	
208-96-8	Acenaphthylen	e	390	שׁ
	Acenaphthene		390	U
	Dibenzofuran		390	ש
86-73-7	Fluorene		390	טן
85-01-8	Phenanthrene		390	שו
120-12-7	Anthracene		390	
206-44-0	Fluoranthene		390	ט
129-00-0	Pyrene		390	ט
	Benzo (a) anthra	acene	390	U
218-01-9	Chrysene		390	ט
205-99-2	Benzo (b) fluor	anthene	390	ט
207-08-9~	Benzo(k) fluora	anthene	390	ש
50-32-8	Benzo (a) pyren	<u> </u>	390	บ
193-39-5	Indeno(1,2,3-	d) pyrene	390	ט
53-70-3	Dibenzo (a, h) ai	thracene	390	ប
191-24-2	Benzo(g,h,i)pe	erylene	390	U

EPA SAMPLE NO.

•			1246777	
Lab Name: MITKEM CORPORATI	ON Contrac	t:	1210,,,	_
Lab Code: MITKEM Case N	o.: SAS No	.: SDG	No.: Al248	
Matrix: (soil/water) WATER		Lab Sample ID	: A1248-04B	
Sample wt/vol: 5.000	(g/mL) ML	Lab File ID:	V6C2339	
Level: (low/med) LOW		Date Received	: 08/21/02	
% Moisture: not dec.	<del></del>	Date Analyzed	: 08/26/02	
GC Column: DB-624 ID: 0	.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	Volume:	_(ឃ)
CAS NO. COM		ENTRATION UNITS: L or ug/Kg) UG/I		
71-43-2Ben: 108-88-3Tol: 100-41-4Eth: 1330-20-7Xylo	uene ylbenzene		1 U 1 U 5 —	

EPA SAMPLE NO.

1246777

Lab Name: MITKEM CORPORATION Contract: SDG No.: A1248 Lab Code: MITKEM Case No.: SAS No.: Lab Sample ID: A1248-04A Matrix: (soil/water) WATER Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0608 Date Received: 08/21/02 Level: (low/med) LOW % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/23/02 Date Analyzed: 08/28/02 Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0 Injection Volume: 1.0(uL)

GPC Cleanup: (Y/N) N PH: \_\_\_

91-20-3Naphthalene 33 U 91-57-62-Methylnaphthalene 33 U 208-96-8Acenaphthylene 33 U 83-32-9Acenaphthene 33 U 132-64-9Fluorene 33 U 86-73-7Fluorene 33 U 85-01-8Phenanthrene 33 U 120-12-7Anthracene 33 U 206-44-0Fluoranthene 33 U 206-55-3	CAS NO.	COMPOUND	CONCENTRATION UNI		Q
50-32-8Benzo (a) pyrene 33   U   193-39-5Indeno (1, 2, 3-cd) pyrene 33   U   53-70-3	91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5	2-MethylnaphthAcenaphthyleneAcenaphtheneDibenzofuranFluorenePhenanthrenePyreneBenzo(a)anthraBenzo(b)fluoraBenzo(a)pyreneBenzo(a)pyrene	ncene Inthene Inthene Inthene Inthene Inthene Inthene Inthracene	33 33 33 33 33 33 33 33 33 33 33	ם מם מם מם מם מם מם מם מ מם מם מם מם מם מם מם מם מם מם מ

#### I INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	Name: MITKEM_CORPORATION Contract:						1246777		
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1248_	
Matrix (soil/water):		SOIL	SOIL Lab Sample			le ID:	A1248-0	A1248-04A	
Level (low/me	d):	MED		Γ	ate Rece	ived:	08/21/02		
% Solids:		85.0							
	Concentration	Units (ug/L or mg	/kg dry weight);				MG/KG		
	CAS No.	Analyte	Concentration	С	Q	M			
	7429-90-5	Aluminum				NR			
	7440-36-0	Antimony				NR			
	7440-38-2	Arsenic				NR			
	7440-39-3	Barium				NR			
	7440-41-7	Beryllium				NR			
	7440-43-9	Cadmium				NR			
	7440-70-2	Calcium	-			NR]			
'	7440-47-3	Chromium				NR]			
	7440-48-4	Cobalt				NR			
	7440-50-8	Соррег				_NR			
	7439-89-6	Iron				_[NR]			
	7439-92-1	Lead				NR			
	7439-95-4	Magnesium		] . ] .	. <del></del>	NR			
	7439-96-5	Manganese				NR			
	7439-97-6	Mercury				NR			
	7440-02-0	Nickel		_		_NR			
		Potassium				NR	•		
	7782-49-2	Selenium				NR	. •		
	7440-22-4	Silver				NR			
	_7440-23-5	Sodium				NR	•		
	_7440-28-0	Thallium				NR			
	_7440-62-2	Vanadium				NR			
	_7440-66-6	Zinc				NR	•	•	
		Cyanide	0.27	U	NJ	CA			
Color Before:			Clarity Before:				Texture:		
POINT DEINIE:			-						
Color After:		<u> </u>	Clarity After:				Artifacts:	·	
Comments:									
		<del> </del>							

FORM I - IN

EPA SAMPLE NO.

1251725

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-01B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3136

Level: (lo

(low/med) MED

Date Received: 08/22/02

% Moisture: not dec. 16

Date Analyzed: 08/28/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 50.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	3000 3000 100000 57000	
1330-20-7Xylene (Total)	57000	

1251725

Lab Name: MITKEM CORPORATION

Matrix: (soil/water) SOIL

Contract:

SDG No.: A1254

Lab Code: MITKEM

Case No.:

SAS No.:

Lab Sample ID: A1254-01A

Lab File ID:

Sample wt/vol:

CONCENTRATION UNITS:

S1D0633

Level:

(low/med) LOW

Date Received: 08/22/02

% Moisture: 16

decanted: (Y/N) N

30.3 (g/mL) G

Date Extracted: 08/24/02

Concentrated Extract Volume:

5000 (uL)

Date Analyzed: 08/29/02

Injection Volume:

1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH:

CAS NO.	COMPOUND		or ug/Kg)		Q
91-20-3	Naphthalene			510000	E
	2-Methylnapht	halene		440000	E
208-96-8	Acenaphthylen	e		20000	
	Acenaphthene			140000	E
132-64-9	Dibenzofuran			9700	
86-73-7	Fluorene			91000	
85-01-8	Phenanthrene			220000	E
120-12-7	Anthracene			85000	
206-44-0	Fluoranthene			67000	
129-00-0	Pyrene			110000	E
56-55-3	Benzo(a) anthr	acene		50000	Έ
218-01-9	Chrysene			42000	E
	Benzo(b)fluor			29000	
207-08-9	Benzo(k) fluor	anthene		9600	J
50-32-8	Benzo(a) pyren	e		32000	E
193-39-5	Indeno (1, 2, 3-	cd)pyrene		8200	J
53-70-3	Dibenzo(a,h)a	nthracene		2900	1
191-24-2	<b>-</b> Benzo(g,h,i)p	erylene		7600	1

EPA SAMPLE NO.

1251725DL

Lab Name: MITKEM CORPORATION

Contract:

Case No.: SAS No.: SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-01ADL

Sample wt/vol: 30.3 (g/mL) G

Lab Code: MITKEM

Lab File ID: S1D0743

Level: (low/med) LOW

Date Received: 08/22/02

% Moisture: 16

decanted: (Y/N) N

Date Extracted: 08/24/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 75.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug	/Kg) UG/KG	Q
91-20-3	Naphthalene		810	0000 D
	2-Methylnaphth	alene	1	0000 D
208-96-8	Acenaphthylene		26	TG 0005
83-32-9	Acenaphthene		280	0000 D
132-64-9	Dibenzofuran		150	0000 U
86-73-7	Fluorene		130	TG 0000
85-01-8	Phenanthrene		340	0000 D
120-12-7	Anthracene		96	TG 000
206-44-0	Fluoranthene		78	TG 0008
129-00-0	Pyrene			000 DJ
	Benzo (a) anthra	cene		TG 000
218-01-9	Chrysene		42	LG 000
	Benzo(b) fluora	thene		000 DJ
	Benzo(k)fluora			000 U
	Benzo (a) pyrene	<del></del>		'000 DJ
	Indeno (1, 2, 3-co	d) pyrene		000 U
	Dibenzo (a, h) ant			000 U
	Benzo(g,h,i)per		150	000 U

EPA SAMPLE NO.

			j	1.	251725	1
Lab Name: MITKEM CORPORA	TION Co	ontract:	<u> </u>		- <del></del> -	1
Lab Code: MITKEM Case	No.: 5	SAS No.:	SDG 1	No.: 1	A1254	
Matrix: (soil/water) WAT	ER	Lab Sa	mple ID:	A125	4-01B	
Sample wt/vol: 5.0	00 (g/mL) ML	Lab Fi	.le ID:	V6C2	587	
Level: (low/med) LOW	r	Date R	Received:	08/2	2/02	
% Moisture: not dec.		Date A	nalyzed:	09/02	2/02	
GC Column: DB-624 ID:	0.25 (mm)	Diluti	on Factor	: 8.0	)	
Soil Extract Volume:	(uL)	Soil A	liquot Vo	olume:	·	(uL)
CAS NO. C	OMPOUND	CONCENTRATIO			Q	
71-43-2B 108-88-3T 100-41-4E 1330-20-7X	oluene thylbenzene			11 8 1300 710	Ū	

1251725

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) WATER

Lab Sample ID: A1254-01A

Sample wt/vol:

300.0 (g/mL) **ML** 

Lab File ID: S1D0762

Level: (low/med) LOW

Date Received: 08/22/02

% Moisture: decanted: (Y/N)\_\_\_

Date Extracted: 08/27/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5	-2-Methylnaphthale -Acenaphthylene -Acenaphthene -Dibenzofuran -Fluorene -Phenanthrene -Anthracene -Fluoranthene -Pyrene -Benzo(a) anthracen -Chrysene -Benzo(b) fluoranthene	nenene	4300 1200 40 580 330 210 470 120 93 160 60 55 34 330 330 330 330	U J J J J J J J U J U U U U
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## U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

	SAMPI	$r > i \land$
PPA	SAIVIPI	. P. INI I

AS No.  29-90-5  10-36-0  10-38-2  10-39-3  10-41-7	Case No.:  SOIL  MED 84.0  1 Units (ug/L or mg.  Analyte  Aluminum Antimony Arsenic Barium Beryllium Cadmium	/kg dry weight):  Concentration		ab Samp	M	SDG No.: A1254 A1254-01A 08/22/02 MG/KG
AS No.  29-90-5  10-36-0  10-38-2  10-39-3  10-41-7	MED 84.0  I Units (ug/L or mg/ Analyte  Aluminum Antimony Arsenic Barium Beryllium		D	ate Rece	M	08/22/02
AS No. 29-90-5 10-36-0 10-38-2 10-39-3 10-41-7	Analyte  Aluminum  Antimony  Arsenic  Barium  Beryllium				М	
AS No. 29-90-5 10-36-0 10-38-2 10-39-3 10-41-7	Analyte  Aluminum  Antimony  Arsenic  Barium  Beryllium		С	Q		MG/KG
AS No. 29-90-5 10-36-0 10-38-2 10-39-3 10-41-7	Analyte  Aluminum  Antimony  Arsenic  Barium  Beryllium		С	Q		MG/KG
29-90-5 10-36-0 10-38-2 10-39-3 10-41-7	Aluminum Antimony Arsenic Barium Beryllium	Concentration	С	Q		
10-36-0 10-38-2 10-39-3 10-41-7	Antimony Arsenic Barium Beryllium					
10-36-0 10-38-2 10-39-3 10-41-7	Antimony Arsenic Barium Beryllium					
10-36-0 10-38-2 10-39-3 10-41-7	Antimony Arsenic Barium Beryllium				NR	
10-38-2 10-39-3 10-41-7	Arsenic Barium Beryllium				NR	
10-39-3 <u> </u>	Barium Beryllium		1 1		NR	
10-41-7	Beryllium				NR	
				_	NR	
					NR]	
0-70-2	Calcium	-			NR	
10-47-3	Chromium				NR	
0-48-4	Cobalt				NR	
0-50-8	Соррег				NR	
9-89-6	Iron				NR	
9-92-1	Lead				NR	
9-95-4	Magnesium				NR	
9-96-5	Manganese				NR	
9-97-6	Метсигу				NR	
0-02-0	Nickel				NR	
0-09-7	Potassium_				NR	
2-49-2	Selenium				NR	
0-22-4	Silver			<del></del>	NR	
0-23-5	Sodium				NR	
0-28-0	Thallium					
0-66-6				,		
	Cyanide	0.25	U		_CA	
	Thallium Vanadium Zinc Cyanide	0.25	U		NR NR NR CA	
	<del></del>	Clarity Before:	<del></del>			Texture:
		Clarity After:	<del></del>	<del>.</del>		Artifacts:
		<del> </del>	Clarity Before: Clarity After:			

SW846

EPA SAMPLE NO.

1252527

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

*-* :

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-02B

Sample wt/vol:

Lab Code: MITKEM

5.0 (g/mL) G

Case No.:

Lab File ID: V4B3134

Level: (lo

(low/med) MED

Date Received: 08/22/02

% Moisture: not dec. 14

Date Analyzed: 08/28/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 20.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume: 100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1200 1200 120000 45000	ט

EPA SAMPLE NO.

1252527

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Code: MITKEM

Lab Sample ID: A1254-02A

Sample wt/vol:

30.1 (g/mL) G

Lab File ID: S1D0634

Level: (low/med) LOW

Date Received: 08/22/02

% Moisture: 14

decanted: (Y/N) N

Date Extracted: 08/24/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 08/29/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

рH:\_\_\_\_

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/Kg		Q
208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5	2-MethylnaphthalAcenaphthyleneAcenaphtheneDibenzofuranFluorenePhenanthreneAnthraceneFluoranthenePyreneBenzo(a)anthrace	ne hene hene pyrene racene	310000 300000 17000 130000 7900 80000 200000 75000 60000 100000 44000 36000 28000 9400 31000 7200 2700 7000	н нененене Пре

1252527DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-02ADL

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S1D0744

Level: (low/med) LOW

Date Received: 08/22/02

% Moisture: 14 decanted: (Y/N) N

Date Extracted: 08/24/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 40.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATION		Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8	Naphthalene2-MethylnaphtAcenaphthylenAcenaphtheneDibenzofuranFluorenePhenanthreneAnthraceneFluoranthenePyreneBenzo(a)anthr	halene e e acene anthene anthene	520000 460000 23000 240000 9800 120000 300000 90000 74000 120000 40000 40000 23000 11000 28000 77000	D D D D D D D D D D D D D D D D D D D
	Dibenzo(a,h)a: Benzo(g,h,i)p		77000 <b>7</b> 7000	U ———

EPA SAMPLE NO.

Lab Name: MITKE	M CORPORATION	Contract:	1252527	_
Lab Code: MITKE	M Case No.:	SAS No.: SI	OG No.: Al254	
Matrix: (soil/w	ater) WATER	Lab Sample I	D: A1254-02B	
Sample wt/vol:	5.000 (g/mL) M	L Lab File ID:	V6C2588	
Level: (low/m	ed) LOW	Date Receive	d: 08/22/02	
% Moisture: not	dec	Date Analyze	d: 09/02/02	
GC Column: DB-6	24 ID: 0.25 (mm)	Dilution Fac	tor: 16.0	
Soil Extract Vo	lume:(uL)	Soil Aliquot	Volume:	_(uL)
CAS NO.	COMPOUND	CONCENTRATION UNIT (ug/L or ug/Kg) UG		
108-88-3 100-41-4	Benzene Toluene Ethylbenzene 7Xylene (Tota	1)	31 16 2000 870	

EPA SAMPLE NO.

1252527

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) WATER

Lab Sample ID: A1254-02A

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S1D0761

Level: (low/med) LOW

Date Received: 08/22/02

% Moisture: decanted: (Y/N)

Date Extracted: 08/27/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/L	Q
	Naphthalene			2700	
	2-Methylnaphtl			920	
	Acenaphthylene	e		32	J
83-32-9	Acenaphthene	<del>- "</del>		460	
132-64-9	Dibenzofuran			170	U
86-73-7	Fluorene			160	J
85-01-8	Phenanthrene		_	300	
120-12-7	Anthracene		— <u> </u>	72	J
206-44-0	Fluoranthene			60	J
129-00-0	Pyrene —		_	98	J
56-55-3	Benzo(a) anthra	acene	<del></del>	39	J
218-01-9	Chrysene	· · · · · · · · · · · · · · · · · · ·		41	IJ
205-99-2	Benzo(b)fluora	enthene	<del></del> -j	29	IJ
207-08-9	Benzo(k) fluora	anthene		170	lυ
50-32-8	Benzo(a) pyrene	=	1	35	IJ
	Indeno (1,2,3-c			170	U
	Dibenzo (a, h) aı			170	ប
	Benzo(q,h,i)pe			170	lυ

### U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

<b>EPA</b>	SA	MP'	LE.	NO
		. 1711		110.

Lab Name:	MITKEM C	ORPORATION	Con	tract:			1252527
Lab Code:	MITKEM	Case No.:	<del></del>	SAS No.:			SDG No.: A1254
Matrix (soil/w	ater):	SOIL		L	ab Samp	le ID:	A1254-02A
Level (low/me	d):	MED		D	ate Rece	ived:	08/22/02
% Solids:		86.0					
,	Concentration	Units (ug/L or mg	/kg dry weight):	-			MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
						7.77	
	_7429-90-5	Aluminum				NR	
	_7440-36-0 <u></u>	Antimony				NR	
	_7440-38-2	Arsenic				NR	
	_7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	_7440-70-2	Calcium		<del></del>		NR	
	_7440-47-3	Chromium				NR	
	_7440-48-4	Cobalt		-		NR NR	
	_7440-50-8	Copper		-		NR	
	_7439-89-6	Iron				NR	
	7439-92-1	Lead		_		NR	
	_7439-95-4	Magnesium_				NR	
	_7439-96-5	Manganese				NR	
1	_7439-97-6	Mercury				NR	
	_7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR	
	_7782-49-2	Selenium				NR	
	_7440-22-4	Silver				NR	
1	_7440-23-5	Sodium	_			NR	
	_7440-28-0	Thallium				NR	
	_7440-62-2	Vanadium_				NR	
	_7440-66-6	Zinc_				NR	
		Cyanide	0.27	U		CA	
'	<u> </u>						
Color Before:		<u></u>	Clarity Before:	<del></del>			Texture:
Color After:			Clarity After:				Artifacts:
Comments:							

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EPA SAMPLE NO.

1256367

Q

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1254

Matrix: (soil/water) SOIL

Lab Sample ID: A1254-03B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3152

Level: (low/med) LOW

GC Column: RTX-502.2 ID: 0.53 (mm)

Date Received: 08/22/02

% Moisture: not dec. 22

Date Analyzed: 08/29/02

Dilution Factor: 1.0

Soil Extract Volume: (mL)

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

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

CAS NO.

COMPOUND

71-43-2Benzene	1	υ
108-88-3Toluene	1	Ū
100-41-4Ethylbenzene	6	
1330-20-7Xylene (Total)	2	

EPA SAMPLE NO.

1256367

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1254

Matrix: (soil/water) SOIL Lab Sample ID: A1254-03A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1D0632

Level: (low/med) LOW Date Received: 08/22/02

% Moisture: 22 decanted: (Y/N) N Date Extracted:08/24/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/29/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

	I	
91-20-3Naphthalene	200	J
91-57-62-Methylnaphthalene	150	Ĵ
208-96-8Acenaphthylene	420	J
83-32-9Acenaphthene	200	1
132-64-9Dibenzofuran	430	Ū
86-73-7Fluorene	340	J
85-01-8Phenanthrene	1400	-
120-12-7Anthracene	430	
206-44-0Fluoranthene	370	
129-00-0Pyrene	590	
56-55-3Benzo (a) anthracene	200	J
218-01-9Chrysene	200	J
205-99-2Benzo (b) fluoranthene	98	
207-08-9Benzo(k) fluoranthene	49	J
50-32-8Benzo (a) pyrene	140	J
193-39-5Indeno (1, 2, 3-cd) pyrene	430	U
53-70-3Dibenzo(a,h)anthracene	430	U
191-24-2Benzo(q,h,i)perylene	44	J

EPA SAMPLE NO.

1256367 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1254 Matrix: (soil/water) WATER Lab Sample ID: A1254-03B Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C2589 Date Received: 08/22/02 Level: (low/med) LOW % Moisture: not dec. Date Analyzed: 09/02/02 Dilution Factor: 1.0 GC Column: DB-624 ID: 0.25 (mm) Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L CAS NO. COMPOUND Q 1 | U 71-43-2-----Benzene 108-88-3-----Toluene 1 | U 100-41-4-----Ethylbenzene 1 U 1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

1256367

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1254

Matrix: (soil/water) WATER

Lab Sample ID: A1254-03A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0747

CONCENTRATION UNITS:

Level: (low/med) LOW

Date Received: 08/22/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/27/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

### U.S. EPA - CLP

#### I INORGANIC ANALYSIS DATA SHEET

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EPA	O.	AIVI.	rl	E I	NU

Lab Name:	MITKEM_C	ORPORATION	Contr	act:			1256	367 ,
Lab Code:	MITKEM	Case No.:		AS No.:			SDG No.:	A1254
Matrix (soil/w	ater):	SOIL		L	ab Samp	le ID:	A1254-0	)3A
Level (low/me	ed):	MED		D	ate Rece	ived:	08/22/02	2
% Solids:		78.0						
	Concentration	Units (ug/L or mg	/kg dry weight):	-			MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7420 00 5	A 1				NR		
	7429-90-5	Aluminum	-			NR NR		
	7440-36-0	Antimony				NR		
	7440-38-2	Arsenic				NR		
	7440-39-3	Barium			<del></del>	NR		
	7440-41-7	Beryllium				NR		
	7440-43-9	Cadmium				NR		
	7440-70-2 7440-47-3	Calcium Chromium		<del></del>		NR		
	7440-48-4	Cobalt				NR		
	7440-50-8	Copper				NR		
	7439-89-6	Iron		<del>- }}-</del>		NR		
	7439-92-1	Lead		<del>-     -  </del>		NR		
	7439-95-4	Magnesium	<del></del>	_		NR		
	7439-96-5	Manganese		-   -		NR		
	7439-97-6	Mercury		<u> </u>		NR		
	7440-02-0	Nickel				NR		
	7440-09-7	Potassium				NR		
	7782-49-2	Selenium				NR		
	7440-22-4	Silver				NR]		
	7440-23-5	Sodium				NR		
	7440-28-0	Thallium				NR		
	7440-62-2	Vanadium				NR		
	7440-66-6	Zinc				NR		
		Cyanide	0.31	U		CA		
İ								
Color Before:			Clarity Before:	<del></del>	<del></del>		Texture:	
Color After:	<u></u>		Clarity After:		<u> </u>		Artifacts:	
Comments:								

EPA SAMPLE NO.

1261217

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-19B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID:

V4B3066

Level:

(low/med)

MED

Date Received: 08/21/02

% Moisture: not dec. 10

Date Analyzed: 08/26/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	220 63 750 140
---	-------------------------

EPA SAMPLE NO.

1261217

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-19A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2C9079

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 10 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/30/02

Injection Volume: 1.0(uL)

Dilution Factor: 2.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg) -	UG/KG	Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5	Naphthalene2-MethylnaphtAcenaphthylenAcenaphthenePlibenzofuranFluoreneFluoranthenePyreneBenzo(a)anthrChryseneBenzo(b)fluorBenzo(a)pyrenBenzo(a)pyren	acene anthene anthene e cd) pyrene	ug/Kg)	7900 2700 130 420 740 910 1400 1100 440 530 410 160 390 140	J J J J J J J J J
53-70-3- <b></b>	Benzo(g,h,i)p	nthracene		740	

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:		1	261217		
Lab Code: MITKEM	Case No.:	SAS No.:	SDG :	No.:	A1248	· ·	
Matrix: (soil/water)	WATER	Lab Sa	mple ID:	A124	8-19B		
Sample wt/vol:	5.000 (g/mL) ML	Lab Fi	le ID:	V6C2	490		
Level: (low/med)	LOW	Date R	eceived:	08/2	1/02		
% Moisture: not dec.	<u> </u>	Date A	nalyzed:	08/3	0/02		
GC Column: DB-624	ID: 0.25 (mm)	Diluti	on Facto	r: 1.	0		
Soil Extract Volume:	(uL)	Soil A	liquot Vo	olume	:	(uI	(د
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/L			Q		
					บ บ บ		

RPA SAMPLE NO.

1261217

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) WATER

Lab Sample ID: A1248-19A

Sample wt/vol:

300.0 (g/mL) ML

Lab File ID: S1D0622

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/23/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/29/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup:

(Y/N) N

pH: \_\_\_

## 1 INORGANIC ANALYSIS DATA SHEET

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EPA	< A	. KADI	12	N	n
EFA	27	муш і	تادا	1.4	$\mathbf{\mathcal{L}}$

ab Name:	MITKEM_CO	ORPORATION	Cont	ract:	<del></del>		1261217
ab Code:	MITKEM	Case No.:		SAS No	.:		SDG No.: A1248
latrix (soil/w	rater):	SOIL			Lab Samp	ole ID:	A1248-19A
evel (low/me	<del>:</del> d):	MED			Date Rece	eived:	08/21/02
Solids:		90.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	C	Q	М	
	7429-90-5	Aluminum				NR	
	7440-36-0	Antimony			<del></del>	NR	
	7440-38-2	Arsenic				NR	
	7440-39-3	Barium				NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt				NR]	
	7440-50-8	Copper				NR]	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				_NR	
	_7439-96-5	Manganese				NR]	
	7439-97-6	Mercury			_	NR	
	_7440-02-0	Nickel			_ <del></del>	NR]	
	_7440-09-7	Potassium			~- ·	NR	
	_7782-49-2	Selenium				_NR	
	_7440-22-4	Silver				NR	
	_7440-23-5	Sodium		_		NR	
	7440-28-0	Thallium				NR	
	7440-62-2	Vanadium_		_		NR	
	7440-66-6	Zinc		_		NR	
	 	Cyanide	0.27	U	N	_ CA  	
					,MI21 .121		
oIor Before:		<del></del>	Clarity Before:	-	- <del></del>		Texture:
olor After:			Clarity After:				Artifacts:
omments:							

FORM I - IN

SW846

EPA SAMPLE NO.

Lab Name: MITKEM CORPO	ORATION (	Contract:	1262737
Lab Code: MITKEM Ca	ase No.:	SAS No.: SDG	No.: A1248
Matrix: (soil/water)	SOIL	Lab Sample ID:	A1248-20B
Sample wt/vol:	5.2 (g/mL) G	Lab File ID:	V4B3091
Level: (low/med)	LOW	Date Received:	08/21/02
% Moisture: not dec.	15	Date Analyzed:	08/27/02
GC Column: RTX-502.2	ID: 0.53 (mm)	Dilution Facto	r: 1.0
Soil Extract Volume:_	(mL)	Soil Aliquot V	olume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/K	G Q
71-43-2 108-88-3 100-41-4 1330-20-7	Toluene		2 2 1 U

1262737

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-20A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2C8902

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/K	•	Q
	Naphthalene		390	U
91-57-6	2-Methylnapht	halene	390	ט
208-96-8	Acenaphthylen	ie	390	υ
	Acenaphthène		390	U
	Dibenzofuran		390	U
86-73-7	Fluorene		390	ע
85-01-8	Phenanthrene		390	טו
	Anthracene		390	U
	Fluoranthene		390	ט
129-00-0			390	IJ
	Benzo (a) anthr	acene	390	U
218-01-9			390	
	Benzo(b) fluor	anthene	390	_
	Benzo (k) fluor		390	_
	Benzo (a) pyren		390	_
193-39-5	Indeno(1,2,3-	cd) pyrene	390	-
53-70-3	Dibenzo (a, h) a	nthracene	390	-
	Benzo(g,h,i)p		390	_

100-41-4-----Ethylbenzene 1330-20-7-----Xylene (Total) EPA SAMPLE NO.

1 U

1262737 Lab Name: MITKEM CORPORATION Contract: SAS No.: SDG No.: A1248 Lab Code: MITKEM Case No.: Matrix: (soil/water) WATER Lab Sample ID: A1248-20B Sample wt/vol: 5.000 (g/mL) MLLab File ID: V6C2491 Level: (low/med) LOW Date Received: 08/21/02 % Moisture: not dec. Date Analyzed: 08/30/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: \_\_\_\_(uL) CONCENTRATION UNITS: COMPOUND (ug/L or ug/Kg) UG/L CAS NO. Q 1 | U 71-43-2----Benzene 108-88-3-----Toluene 1 | U

1262737

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248 Matrix: (soil/water) WATER Lab Sample ID: A1248-20A Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0617 Level: (low/med) LOW Date Received: 08/21/02 % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 08/23/02 Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/28/02 Dilution Factor: 1.0 Injection Volume: 1.0(uL)

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug,	/Kg) UG/L	Q
	Naphthalene		33	3 U
91-57-6	2-Methylnapht	halene	33	3 U
208-96-8	Acenaphthylen	iei	33	t U
83-32-9	Acenaphthene		33	U
132-64-9	Dibenzofuran		33	ប
86-73-7	Fluorene		33	U
85-01-8	Phenanthrene		3.3	יט
120-12-7	Anthracene ¯		33	U
206-44-0	Fluoranthene		33	ี   บ
129-00-0	Pyrene		33	U
56-55-3	Benzo(a)anthr	acene	33	U
218-01-9	Chrysene_		33	U
205-99-2	Benzo(b) fluor	anthene	33	U
207-08-9	Benzo(k) fluor	anthene	33	U
50-32-8	Benzo (a) pyren	e	33	ប
193-39-5	Indeno(1,2,3-	cd) pyrene	33	U
	Dibenzo (a, h) a			U
	Benzo(g,h,i)p			U
			<del> </del>	1

CONCENTRATION UNITS:

### U.S. EPA - CLP

## 1 INORGANIC ANALYSIS DATA SHEET

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$L_{I}$	O.	мит т	-	<b>1</b>

Matrix (soil/water):  SOIL Lab Sample ID: Level (low/med):  MED Date Received:  85.0	1262737	
Cas   No.   Analyte   Concentration   C   Q   M	G No.: A1248_	
Concentration Units (ug/L or mg/kg dry weight):    CAS No.	A1248-20A	
CAS No.         Analyte         Concentration         C         Q         M           7429-90-5         Aluminum         NR           7440-36-0         Antimony         NR           7440-38-2         Arsenic         NR           7440-39-3         Barium         NR           7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-40-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-97-6         Mercury         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7440-02-4         Silver         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-66-6         Zinc         NR	08/21/02	
CAS No.         Analyte         Concentration         C         Q         M           7429-90-5         Aluminum         NR           7440-36-0         Antimony         NR           7440-38-2         Arsenic         NR           7440-39-3         Barium         NR           7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-43-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7440-02-0         Nickel         NR           7440-02-0         Nickel         NR           7440-02-1         Nickel         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-66-6         Zinc         NR		
7429-90-5         Aluminum         NR           7440-36-0         Antimony         NR           7440-38-2         Arsenic         NR           7440-39-3         Barium         NR           7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-96-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7439-97-6         Mercury         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7440-09-7         Potassium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-66-6	G/KG	
7440-36-0       Antimony       NR         7440-38-2       Arsenic       NR         7440-39-3       Barium       NR         7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-02-0       Nickel       NR         7440-02-1       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-66-6       Zinc       NR		
7440-36-0       Antimony       NR         7440-38-2       Arsenic       NR         7440-39-3       Barium       NR         7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-02-0       Nickel       NR         7440-02-1       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-66-6       Zinc       NR		
7440-38-2       Arsenic       NR         7440-39-3       Barium       NR         7440-41-7       Beryllium       NR         7440-43-9       Cadmium       NR         7440-47-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR         7440-02-0       Nickel       NR         7440-02-0       Nickel       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-66-6       Zinc       NR		
7440-39-3         Barium         NR           7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7440-02-0         Nickel         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-66-6         Zinc         NR		
7440-41-7         Beryllium         NR           7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7440-02-0         Nickel         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-66-6         Zinc         NR		
7440-43-9         Cadmium         NR           7440-70-2         Calcium         NR           7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7440-02-0         Nickel         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-66-6         Zinc         NR		
7440-70-2       Calcium       NR         7440-47-3       Chromium       NR         7440-48-4       Cobalt       NR         7440-50-8       Copper       NR         7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR         7449-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-09-7       Potassium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-66-6       Zinc       NR		
7440-47-3         Chromium         NR           7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7440-29-2         Selenium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-66-2         Vanadium         NR           7440-66-6         Zinc         NR		
7440-48-4         Cobalt         NR           7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7439-97-6         Mercury         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7782-49-2         Selenium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-66-6         Zinc         NR		
7440-50-8         Copper         NR           7439-89-6         Iron         NR           7439-92-1         Lead         NR           7439-95-4         Magnesium         NR           7439-96-5         Manganese         NR           7440-02-0         Nickel         NR           7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-62-2         Vanadium         NR           7440-66-6         Zinc         NR		
7439-89-6       Iron       NR         7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR         7439-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-09-7       Potassium       NR         7782-49-2       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-62-2       Vanadium       NR         7440-66-6       Zinc       NR		
7439-92-1       Lead       NR         7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR         7439-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-09-7       Potassium       NR         7782-49-2       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-62-2       Vanadium       NR         7440-66-6       Zinc       NR		
7439-95-4       Magnesium       NR         7439-96-5       Manganese       NR         7439-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-09-7       Potassium       NR         7782-49-2       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-66-6       Zinc       NR		
7439-96-5       Manganese       NR         7439-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-09-7       Potassium       NR         7782-49-2       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-66-6       Zinc       NR		
7439-97-6       Mercury       NR         7440-02-0       Nickel       NR         7440-09-7       Potassium       NR         7782-49-2       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-62-2       Vanadium       NR         7440-66-6       Zinc       NR		
7440-02-0         Nickel         NR           7440-09-7         Potassium         NR           7782-49-2         Selenium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-62-2         Vanadium         NR           7440-66-6         Zinc         NR		
7440-09-7       Potassium       NR         7782-49-2       Selenium       NR         7440-22-4       Silver       NR         7440-23-5       Sodium       NR         7440-28-0       Thallium       NR         7440-62-2       Vanadium       NR         7440-66-6       Zinc       NR		
7782-49-2         Selenium         NR           7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-62-2         Vanadium         NR           7440-66-6         Zinc         NR		
7440-22-4         Silver         NR           7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-62-2         Vanadium         NR           7440-66-6         Zinc         NR		
7440-23-5         Sodium         NR           7440-28-0         Thallium         NR           7440-62-2         Vanadium         NR           7440-66-6         Zinc         NR		
7440-28-0       Thallium       NR         7440-62-2       Vanadium       NR         7440-66-6       Zinc       NR		
7440-62-2 Vanadium NR 7440-66-6 Zinc NR		
7440-66-6 Zinc NR		
Cyamoe		
Color Before: Clarity Before: 7	exture:	
Owing Boloto.		
Color After: Clarity After:	rtifacts:	
Comments:		

FORM I - IN

SW846

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

2

6

1264757 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM SAS No.: Case No.: SDG No.: A1248 Matrix: (soil/water) SOIL Lab Sample ID: A1248-21B 5.1 (q/mL) G Sample wt/vol: Lab File ID: V4B3092 Level: (low/med) Date Received: 08/21/02 % Moisture: not dec. 22 Date Analyzed: 08/27/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q 71-43-2-----Benzene 108-88-3-----Toluene 9 100-41-4----Ethylbenzene

EPA SAMPLE NO.

1264757

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-21A

Sample wt/vol:

30.2 (g/mL) G

Lab File ID: S2C8903

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 22

decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/ KG	Q
	Naphthalene		420	ט
91-57-6	2-Methylnaphthaler	ie	420	ט
208-96-8	Acenaphthylene		420	Ū
	Acenaphthene		420	טו
	Dibenzofuran	· · · · · · · · · · · · · · · · · · ·	420	
	Fluorene		420	
	Phenanthrene		420	
	Anthracene		420	
	Fluoranthene		420	
129-00-0			420	
	Benzo (a) anthracene		420	
	Chrysene		420	
205-99-2	Benzo (b) fluoranthe	ne	420	
207-08-9	Benzo(k) fluoranthe	ne	420	
	Benzo (a) pyrene		420	
193-39-5	Indeno(1,2,3-cd)py	rene	420	
53-70-3	Dibenzo(a,h)anthra	селе	420	
191-24-2	Benzo(g,h,i)peryle	ne	420	
·	ECIMO (5/M/1/per/10		120	•

EPA SAMPLE NO.

Tale Manage MINISTER CORPORATION	Controp at	126475	57
Lab Name: MITKEM CORPORATION	Contract:	l	
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.: A1248	3
Matrix: (soil/water) WATER	Lab S	Sample ID: A1248-21E	3
Sample wt/vol: 5.000 (g/mL)	) ML Lab F	File ID: V6C2492	
Level: (low/med) LOW	Date	Received: 08/21/02	
% Moisture: not dec.	Date	Analyzed: 08/30/02	
GC Column: DB-624 ID: 0.25 (r	mm) Dilut	ion Factor: 1.0	
Soil Extract Volume:(uL)	Soil	Aliquot Volume:	(uL)
CAS NO. COMPOUND	CONCENTRATI (ug/L or ug		
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenze	ene	1 U 1 U 1 U 1 U	

EPA SAMPLE NO.

1264757

Contract: Lab Name: MITKEM CORPORATION SDG No.: A1248 SAS No.: Case No.:

Lab Code: MITKEM Lab Sample ID: A1248-21A

Matrix: (soil/water) WATER S1D0618 Lab File ID: 300.0 (g/mL) ML

Date Received: 08/21/02 (low/med) LOW Level:

Date Extracted: 08/23/02 decanted: (Y/N)\_\_\_\_ % Moisture:

Date Analyzed: 08/28/02 Concentrated Extract Volume: 1000(址)

Dilution Factor: 1.0 1.0 (uL) Injection Volume:

(Y/N) N pH: \_\_\_\_ GPC Cleanup:

Sample wt/vol:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q CAS NO. COMPOUND 33 l U 91-20-3-----Naphthalene 33 | U 91-57-6----2-Methylnaphthalene 33 U 208-96-8-----Acenaphthylene

33 U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33 U 86-73-7-----Fluorene 33 U 85-01-8-----Phenanthrene 33 U 120-12-7-----Anthracene 33 J U 206-44-0----Fluoranthene 33 U 129-00-0-----Pyrene 33 U 56-55-3-----Benzo(a)anthracene 33 U 218-01-9-----Chrysene 33 U 205-99-2-----Benzo(b) fluoranthene 33 I U 207-08-9-----Benzo(k)fluoranthene\_ 33 l U 50-32-8-----Benzo(a)pyrene 33 U 193-39-5----Indeno (1, 2, 3-cd) pyrene 33 | U 53-70-3-----Dibenzo(a,h)anthracene 33 U 191-24-2----Benzo(g,h,i)perylene\_

#### U.S. EPA - CLP

#### I INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

me:	MITKEM_CO	ORPORATION	Cont	ract:			1264757
de:	MITKEM	Case No.:		SAS No.:			SDG No.: A1248
(soil/w	vater):	SOIL		L	ab Samp	le ID:	A1248-21A
low/m	ed):	MED		E	ate Rece	ived:	08/21/02
is:		78.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	7100.00.5	4.9		_		ND	
	7429-90-5	Aluminum		_		NR	
	7440-36-0	Antimony				NR	
	7440-38-2	Arsenic				NR NR	
	7440-39-3	Barium				NR NR	
	7440-41-7	Beryllium				NR NR	
	7440-43-9	Cadmium		_		NR NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium Cobalt				NR	
	7440-48-4 7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
	7439-89-0	Lead				NR	
	7439-92-1	Magnesium				NR	
	7439-96-5	Manganese	<del></del>			NR	
	7439-97-6	Mercury		—- <del>  </del> -		NR	
	7440-02-0	Nickel		-		NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				NR	
	7440-22-4	Silver				NR	
	7440-23-5	Sodium			<u></u>	NR	
	7440-28-0	Thallium				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc				NR	
		Cyanide	0.28	U	N	CA	
					Hev		•
3efore:		<del></del>	Clarity Before:				Texture:
After:			Clarity After:				Artifacts:
ents:							
							·

FORM I - IN

SW846

EPA SAMPLE NO.

12714517	
	,

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-01B

Sample wt/vol:

2.5 (g/mL) G

Lab File ID: V4B3187

COMPOUND

Level: (low/med) LOW

Date Received: 08/29/02

% Moisture: not dec. 20

CAS NO.

Date Analyzed: 08/31/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

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

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene	200 J
108-88-3Toluene	11
100-41-4Ethylbenzene	110
1330-20-7Xylene (Total)	63

12714517

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-01A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S3B9491

Level: (low/med) LOW

Date Received: 08/29/02

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 08/31/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/18/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/	(Kg) UG/KG		Q
91-20-3	Naphthalene			410	บร

91-20-3Naphthalene	410	UJ
91-57-62-Methylnaphthalene	410	ប្រ
208-96-8Acenaphthylene	410	UJ
83-32-9Acenaphthene	410	UJ
132-64-9Dibenzofuran	410	บร์
86-73-7Fluorene		ע ד
85-01-8Phenanthrene	410	
120-12-7Anthracene	410	បភ
206-44-0Fluoranthene	410	$v_{\overline{J}}$
129-00-0Pyrene	410	
56-55-3Benzo(a)anthracene	410	ロナ
218-01-9Chrysene	410	ט ז
205-99-2Benzo(b) fluoranthene	410	υj
207-08-9Benzo(k)fluoranthene	410	ប្រ
50-32-8Benzo (a) pyrene	410	ប្រ
193-39-5Indeno(1,2,3-cd)pyrene	410	UJ
53-70-3Dibenzo(a,h)anthracene	410	UJ
191-24-2Benzo(g,h,i)perylene	410	UT

12714517RE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-01ARE

Sample wt/vol:

Lab File ID:

S2C9383

30.3 (q/mL) G

Level: (low/med)

IOW

Date Received: 08/29/02

% Moisture: 20

decanted: (Y/N) N

Date Extracted: 09/18/02

Concentrated Extract Volume:

 $1000\,({
m uL})$ 

Date Analyzed: 09/19/02

CONCENTRATION UNITS:

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH:

CAS NO.	COMPOUND	(ug/L or ug/	Kg) UG/KG	Q
91-57-6 208-96-8 83-32-9 132-64-9 86-73-7	Naphthalene2-MethylnaphAcenaphthyleAcenaphtheneDibenzofuranFluorenePhenanthrene	ene e n	410 410 410 410	1000000 1011100

218-01-9Chrysene
205-99-2Benzo (b) fluoranthene
207-08-9Benzo(k) fluoranthene

191-24-2----Benzo(g,h,i)perylene

50-32-8	Benzo(a)pyrene
193-39-5	Indeno(1,2,3-cd)pyrene
	Dibenzo(a,h)anthracene

410	UT
410	υż
410	ប្រាំ
410	UJ_
410	$\mathbf{u}_{\mathcal{T}}$
410	UJ
	UŢ
410	$U\mathcal{T}$

410 Ua

410 U j

410 U 方

EPA SAMPLE NO.

Lab Name: MITKEM CORPORAT	FION Contra	act:	12714517
Lab Code: MITKEM Case	No.: SAS I	No.: SDG	No.: A1297
Matrix: (soil/water) WATE	er.	Lab Sample ID:	A1297-01B
Sample wt/vol: 5.00	00 (g/mL) <b>ML</b>	Lab File ID:	V6C2739
Level: (low/med) LOW		Date Received:	08/29/02
% Moisture: not dec		Date Analyzed:	09/07/02
GC Column: DB-624 ID:	0.25 (mm)	Dilution Facto	r: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot V	olume:(uL)
CAS NO. CO		NCENTRATION UNITS: g/L or ug/Kg) UG/L	
71-43-2Be 108-88-3To 100-41-4Et 1330-20-7Xy	luene hylbenzene		1 U 1 U 1 U 1 U

0

33 U

33 U

#### 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al297

Matrix: (soil/water) WATER Lab Sample ID: A1297-01A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C9342

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/16/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

COMPOUND

53-70-3-----Dibenzo(a,h)anthracene

191-24-2----Benzo(q,h,i)perylene

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.

33 U 91-20-3-----Naphthalene 33 U 91-57-6----2-Methylnaphthalene 33 U 208-96-8-----Acenaphthylene\_ 33 U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33 U 86-73-7-----Fluorene 33 U 85-01-8-----Phenanthrene 33 U 120-12-7-----Anthracene 33 U 206-44-0----Fluoranthene 33 U 129-00-0-----Pyrene 33 U 56-55-3-----Benzo(a)anthracene 33 \ U 218-01-9-----Chrysene 205-99-2----Benzo(b) fluoranthene 33 U 33 U 207-08-9-----Benzo(k)fluoranthene\_ 33 U 50-32-8-----Benzo (a) pyrene 33 U 193-39-5----Indeno (1, 2, 3-cd) pyrene

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

#### U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

12714517	

Lab Name:	MITKEM CO	ORPORATION	Con	tract:			12714517
	_		-				
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1297
Matrix (soil/wa	ter):	SOIL			Lab Samp	ole ID:	A1297-01A
Level (low/med	<b>I)</b> :	MED			Date Rece	eived:	08/29/02
% Solids:		80.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
Ĩ	CAS No.	Analyte	Concentration	С	Q	м	
!	······					1,75	
-	_7429-90-5	Aluminum				NR ND	
	_7440-36-0	Antimony	= 221			NR NR	
-	_7440-38-2	Arsenic			-	NR NR	
-	_7440-39-3	Barium		-		NR.	
-	_7440-41-7	Beryllium				NR	
}	_7440-43-9	Cadmium				NR	
	_7440-70-2	Calcium				NR.	
	_7440-47-3	Chromium	!	<u></u>		NR	
7	_7440-48-4	Cobalt				NR	
-	_7440-50-8	Copper				NR	
}	_7439-89-6	Iron Lead		<del></del>		NR	
	_7439-92-1	Magnesium				NR	
-	_7439-95-4 _7439-96-5	Magnesium Manganese				NR	
-	_7439-90-3 _7439-97-6	Mercury			<del></del>	NR	
	_7439-97-6 _7440-02-0	Nickel	1			NR	
ļ	_7440-02-0 _7440-09-7	Potassium	1			NR	
	7 <del>44</del> 0-09-7 _7782-49-2	Selenium				NR	
ļ	7182 <del>-49-</del> 2 _7440-22-4	Silver				NR	
	7440-22-4 _7440-23-5	Sodium				NR	
Ì	_7440-23-3 _7440-28-0	Thallium				NR	
-	7440-28-0 _7440-62-2	Vanadium		<del></del>		NR	
	_7440-62-2 _7440-66-6	Zinc				NR	
į	_/440-00-0	Cyanide	0.30	U		CA.	
Color Before:			Clarity Before:				Texture:
Color After:			Clarity After:				Artifacts:
Comments:							

FORM I - IN

SW846

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract: 1272123
Lab Code: MITKEM Case No.:	SAS No.: SDG No.: Al297
Matrix: (soil/water) SOIL	Lab Sample ID: A1297-02B
Sample wt/vol: 5.0 (g/mL) G	Lab File ID: V4B3184
Level: (low/med) LOW	Date Received: 08/29/02
% Moisture: not dec. 10	Date Analyzed: 08/30/02
GC Column: RTX-502.2 ID: 0.53 (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
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	

1272123

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

Lab Code: MITKEM

Case No.:

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-02A

Sample wt/vol:

30.2 (g/mL) G

Lab File ID: S3B9492

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: 10

decanted: (Y/N) N

Date Extracted: 08/31/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/18/02

Injection Volume:

1.0 (uL)

Dilution Factor: 1.0

CONCENTRATION INTES.

GPC Cleanup:

(Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND		or ug/Kg)		Q
91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 53-70-3	Benzo(a)anthr	aceneanthene_ecd) pyrene_nthracene		370 370 370 370 370 370 370 370 370 370	מממממממממממממממ

EPA SAMPLE NO.

Lab Name: MITKEM CORPO	ORATION (	Contract:	1272123	
Lab Code: MITKEM Ca	ase No.:	SAS No.: SDG	No.: A1297	
Matrix: (soil/water) V	VATER	Lab Sample ID	: A1297-02B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2740	
Level: (low/med) I	WOL	Date Received:	: 08/29/02	
% Moisture: not dec		Date Analyzed:	: 09/07/02	
GC Column: DB-624	D: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:_	(uL)	Soil Aliquot V	Volume:(i	ுட்)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I		
71-43-2 108-88-3 100-41-4	-Toluene		1 U 1 U 1 U	

FORM I VOA

1272123

Lab Na	ame: Mi	ITKEM	CORPORATION	(	Contract:	
--------	---------	-------	-------------	---	-----------	--

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al297

Matrix: (soil/water) WATER Lab Sample ID: A1297-02A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C9343

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/16/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

(ug/L or ug/kg) UG/L Q

	1	T
91-20-3Naphthalene	33	ប
91-57-62-Methylnaphthalene	33	U
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	Ū
132-64-9Dibenzofuran	33	U
	33	IJ
86-73-7Fluorene	33	
85-01-8Phenanthrene	33	
120-12-7Anthracene	33	1 -
206-44-0Fluoranthene		1 ~
129-00-0Pyrene	33	
56-55-3Benzo(a)anthracene	33	
218-01-9Chrysene	33	) -
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k) fluoranthene	33	U
50-32-8Benzo(a) pyrene	l 33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	ប
193-39-5	33	l -
53-70-3Dibenzo(a,h)anthracene	33	ΙΪ
191-24-2Benzo(g,h,i)perylene	33	١
	i	l

#### U.S. EPA - CLP

#### I INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

		INU	RGANIC ANALYSI	2 DAIY 2	HEEI			<del></del>
							1272	2123
ıb Name:	MITKEM_CO	ORPORATION	Con	tract:				
ıb Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1297
atrix (soil/w	vater):	SOIL		1	.ab Samp	ole ID:	A1297-	02A
evel (low/me	<b>∞</b> d):	MED		Γ	Date Rece	eived:	08/29/0	2
Solids:		90.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	7429-90-5	Aluminum				NR		
	7440-36-0	Antimony				NR		
	7440-38-2	Arsenic	l l			NR		
	7440-39-3	Barium				NR		
	7440-41-7	Beryllium				NR		
	_7440-43-9	Cadmium	1			NR		
	_7440-70-2	Calcium				NR		
	_7440-47-3	Chromium				NR		
	_7440-48-4	Cobalt				NR		
	_7440-50-8	Copper	1		<del> </del>	NR		
	_7439-89-6	Iron			<del></del>	NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese	l l	<del></del>		_NR		
	_7439-97-6	Mercury	l l			NR		
	_7440-02-0	Nickel				NR		
	_7440-09-7	Potassium				NR		
	_7782-49-2	Selenium				_ NR		
	_7440-22-4	Silver		<del> </del> -		NR NB		
	7440-23-5	Sodium	_		<del></del>	NR		
	_7440-28-0	I namum				NR		
	_7440-62-2 _7440-66-6	!	444			NR		
	/440-00-0	ZincCvanide		U		CA		
olor Before:			Clarity Before:		<del></del>		Texture:	
olor After:	·		Clarity After:	<del></del>			Artifacts:	
omments:								
)mments:								

SW846

COMPOUND

CAS NO.

71-43-2-----Benzene 108-88-3-----Toluene

100-41-4-----Ethylbenzene

EPA SAMPLE NO.

1275767 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1297 Matrix: (soil/water) SOIL Lab Sample ID: A1297-03B Sample wt/vol: 5.0 (q/mL) GLab File ID: V4B3165 Level: (low/med) LOW Date Received: 08/29/02 % Moisture: not dec. 17 Date Analyzed: 08/30/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

2 1  $\overline{\mathbf{U}}$ 1330-20-7-----Xylene (Total) 1 U

1275767

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-03A

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: S3B9493

Level: (low/med) LOW

Date Received: 08/29/02

% Moisture: 17

decanted: (Y/N) N

Date Extracted: 08/31/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/18/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATIO		Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9	Naphthalene2-MethylnaphtAcenaphthylenAcenaphtheneFluorenePhenanthreneAnthracene	halene e e acene anthene	390 390 390 390 390 390 390 390 390	2 2 2 3 3 4 4 5 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
50-32-8 193-39-5 53-70-3	Benzo(a)pyrene Indeno(1,2,3-e Dibenzo(a,h)ar Benzo(g,h,i)pe	e cd)pyrene nthracene	390 390 390 390	บ บ บ

EPA SAMPLE NO.

			1275767	
Lab Name: MITKEM CORPORATION	Contract:			
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.:	A1297	
Matrix: (soil/water) WATER	Lab S	Sample ID: A12	97-03B	
Sample wt/vol: 5.000 (g/	'mL) ML Lab F	File ID: V60	2741	
Level: (low/med) LOW	Date	Received: 08/	′29/02	
Moisture: not dec.	Date	Analyzed: 09/	07/02	
GC Column: DB-624 ID: 0.25	(mm) Dilut	ion Factor: 1	0	
Soil Extract Volume:(u	L) Soil	Aliquot Volum	e:	(uL)
CAS NO. COMPOUN	CONCENTRATI ID (ug/L or ug	· •	Q	
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbe 1330-20-7Xylene	enzene	-	1 U 1 U 1 U 1 U	

Lab Name: MITKEM CORPORATION Contract: Case No.: SAS No.: SDG No.: A1297 Lab Code: MITKEM Matrix: (soil/water) WATER Lab Sample ID: A1297-03A

Lab File ID: S2C9344 Sample wt/vol: 300.0 (g/mL) ML

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/16/02

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

GPC Cleanup: (Y/N) N pH: \_\_\_\_

> CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L 0 CAS NO. COMPOUND

	1	
91-20-3Naphthalene	33	U
91-57-62-Methylnaphthalene	33	U
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	υ
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	υ
120-12-7Anthracene	33	U
206-44-0Fluoranthene	33	ט
129-00-0Pyrene	33	U
56-55-3Benzo(a)anthracene	33	U
218-01-9Chrysene	"	U
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k) fluoranthene	] 33	U
50-32-8Benzo (a) pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	U

#### U.S. EPA - CLP

## INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EM Case No.:  SOIL  MED  83.0  ntration Units (ug/L or m			.ab Samp		SDG No.:	<b>A</b> 1297
MED			.ab Samp	le ID:		
83.0		Γ			A1297-03A	<b>\</b>
			Date Rece	ived:	08/29/02	_
ntration Units (ug/L or m						
•	ng/kg dry weight):				MG/KG	
No. Analyte	Concentration	С	Q	М		
				270		
0-5Aluminum				NR ND		
6-0Antimony				NR NR		
8-2 Arsenic Parisma				NR NR		
9-3 Barium	<del></del>			NR		
1-7Beryllium 3-9Cadmium				NR		
0-2 Calcium				NR		
7-3 Chromium				NR		
8-4Cobalt				NR		
0-8Copper				NR		
9-6Iron				NR		
2-1 Lead				NR		
5-4 Magnesium				NR		
6-5 Manganese				NR		
7-6 Mercury				_NR		
2-0Nickel				NR		
9-7 Potassium	1			NR		
9-2 Selenium				NR		
2-4Silver				NR		
3-5Sodium				_NR		
8-0Thallium				NR		
2-2Vanadium				_NR		
6-6Zinc				NR		
Cyanide	0.28	U		CA		
		1				
	Clarity Before:				Texture:	
	Clarity After:				Artifacts:	-
		Clarity Before:	Clarity Before:	Clarity Before:	Clarity Before:	Clarity Before: Texture:

FORM I - IN

SW846

EPA SAMPLE NO.

12814

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-09B

Sample wt/vol:

Lab File ID: V4B3075

Level: (low/med) MED

GC Column: RTX-502.2 ID: 0.53 (mm)

Date Received: 08/21/02

% Moisture: not dec. 15

Date Analyzed: 08/26/02

5.0 (g/mL) G

Dilution Factor: 100.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	36000 460000 55000 520000	

EPA SAMPLE NO.

12814

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-09A

Sample wt/vol: 30.4 (g/mL) G

Lab File ID:

S2C9081

Date Received: 08/21/02

Level: (low/med) LOW

% Moisture: 15 decanted: (Y/N) N

Date Extracted: 08/21/02

Concentrated Extract Volume: 1000(uL)

CONCENTRATION UNITS:

Date Analyzed: 08/30/02

Injection Volume: 1.0(uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q
91-20-3	Naphthalene			290000	
91-57-6	2-Methylnaphtl	nalene		87000	
208-96-8	Acenaphthylene	<del></del>		7400	J
83-32-9	Acenaphthene		I	19000	U
132-64-9	Dibenzofuran			19000	ប
86-73-7	Fluorene			9900	[J
85-01-8	Phenanthrene			24000	1
120-12-7	Anthracene			4200	J
206-44-0	Fluoranthene		<del></del> (	7800	J
129-00-0	Pvrene			10000	J
	Benzo (a) anthra	cene		3300	J
	Chrysene		i	3400	J
	Benzo(b) fluora	nthene		2300	ĺĴ
207-08-9	Benzo(k)fluora	nthene	<del>~</del>	19000	ប
	Benzo (a) pyrene		<del></del>	2000	ĴĴ
193-39-5	Indeno(1,2,3-c	d) pyrene	<del></del>	19000	1
53-70-3	Dibenzo (a, h) an	thracene		19000	
	Benzo(g,h,i)pe				U

EPA SAMPLE NO.

				12814	
Lab Name: MITKEM COF	RPORATION	Contract:	\ <u></u>		l
Lab Code: MITKEM	Case No.:	SAS No.:	SDG No	.: A1248	
Matrix: (soil/water)	WATER	Lab Sa	mple ID: A	1248-09B	
Sample wt/vol:	5.000 (g/mL) ML	Lab Fi	le ID: V	6C2505	
Level: (low/med)	LOW	Date R	eceived: 08	3/21/02	•
% Moisture: not dec.		Date A	nalyzed: 08	3/30/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilutio	on Factor:	40.0	
Soil Extract Volume:	(uL)	Soil A	liquot Volu	ıme:	(uL)
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/l		Q	
			66	340 500 000	

12814

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1248

Matrix: (soil/water) WATER

Lab Sample ID: A1248-09A

Sample wt/vol:

300.0 (g/mL) ML

Lab File ID: S1D0740

Level: (low/med) LOW Date Received: 08/21/02

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

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/23/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 4.0

GPC Cleanup: (Y/N) N

pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/L	Q 
91-20-3 91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 59-32-8 193-39-5	Naphthalene2-MethylnaphthAcenaphthyleneDibenzofuranFluorenePhenanthreneAnthraceneFluoranthene	cene nthene nthene thracene		1200 110 15 130 130 130 130 130 130 130 130 130 130	ם ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט
		·	\		{

#### U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ncentration AS No.  9-90-5 0-36-0 0-38-2 0-39-3 0-41-7 0-43-9 0-70-2 0-47-3	Case No.:  SOIL MED 85.0 Units (ug/L or mg  Analyte  Aluminum Antimony Arsenic Barium Beryllium Cadmium Cadmium Chromium			Lab Samp	M NR NR NR NR	SDG No.: A1248 A1248-09A 08/21/02 MG/KG
ncentration AS No.  9-90-5 0-36-0 0-38-2 0-39-3 0-41-7 0-43-9 0-70-2 0-47-3	MED  85.0  Units (ug/L or mg  Analyte  Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium		ı	Date Rece	M NR NR NR NR	08/21/02
AS No.  19-90-5  10-36-0  10-38-2  10-39-3  10-41-7  10-43-9  10-70-2  10-47-3	Analyte  Analyte  Aluminum  Antimony  Arsenic  Barium  Beryllium  Cadmium  Calcium				M NR NR NR	<del></del>
AS No.  19-90-5  10-36-0  10-38-2  10-39-3  10-41-7  10-43-9  10-70-2  10-47-3	Analyte  Aluminum  Antimony  Arsenic  Barium  Beryllium  Cadmium  Calcium		С	Q	NR NR NR NR	MG/KG
AS No.  19-90-5  10-36-0  10-38-2  10-39-3  10-41-7  10-43-9  10-70-2  10-47-3	Analyte  Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium		С	Q	NR NR NR NR	MG/KG
9-90-5 0-36-0 0-38-2 0-39-3 0-41-7 0-43-9 0-70-2 0-47-3	Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium	Concentration	С	Q	NR NR NR NR	
0-36-0 0-38-2 0-39-3 0-41-7 0-43-9 0-70-2 0-47-3	Antimony Arsenic Barium Beryllium Cadmium Calcium				NR NR NR	
0-36-0 0-38-2 0-39-3 0-41-7 0-43-9 0-70-2 0-47-3	Antimony Arsenic Barium Beryllium Cadmium Calcium				NR NR NR	
0-38-2 0-39-3 0-41-7 0-43-9 0-70-2 0-47-3	Arsenic Barium Beryllium Cadmium Calcium				NR NR	
0-39-3 0-41-7 0-43-9 0-70-2 0-47-3	Barium Beryllium Cadmium Calcium				NR]	
0-41-7 0-43-9 0-70-2 0-47-3	Beryllium Cadmium Calcium					
0-43-9 0-70-2 0-47-3	CadmiumCalcium				NR	
0-70-2 0-47-3	Calcium		1 1		NR	
0-47-3		1			NR	
	ГОПОШИП				NR	
·v-40-4	Cobalt				NR	
0-50-8	Соррег				NR]	
9-89-6	Iron				NR	
9-92-1	Lead				NR	
9-95-4	Magnesium				NR	
9-96-5	Manganese				NR	
9-97-6	Mercury					
0-02-0	<del></del>					
0-09-7	<del></del>					
0-22-4	:					
	<del></del> _					
					NR	
	<del></del>					
IV-66-6		0.43	- B	N1		
	Cyanide	0.43	R	IN .J	CA	
<del></del>		Clarity Before:				Texture:
	<del></del>	Clarity After:		_ <del></del>		Artifacts:
1 1 2 1 1	9-97-6 0-02-0 0-09-7 2-49-2	9-97-6 Mercury 0-02-0 Nickel 0-09-7 Potassium 2-49-2 Selenium 0-22-4 Silver 0-23-5 Sodium 0-28-0 Thallium 0-62-2 Vanadium 0-66-6 Zinc Cyanide	9-97-6 Mercury 0-02-0 Nickel 0-09-7 Potassium 2-49-2 Selenium 0-22-4 Silver 0-23-5 Sodium 0-28-0 Thallium 0-62-2 Vanadium 0-66-6 Zinc	9-97-6 Mercury 0-02-0 Nickel 0-09-7 Potassium 2-49-2 Selenium 0-22-4 Silver 0-23-5 Sodium 0-28-0 Thallium 0-62-2 Vanadium 0-66-6 Zinc Cyanide 0.43 B  Clarity Before:	9-97-6	9-97-6

FORM I - IN

SW846

EPA SAMPLE NO.

1281017 Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1248

Matrix: (soil/water) SOIL Lab Sample ID: Al248-10B

Sample wt/vol: 5.2 (g/mL) GLab File ID: V4B3087

Level: (low/med) Date Received: 08/21/02 LOW

% Moisture: not dec. 19 Date Analyzed: 08/27/02

Dilution Factor: 1.0 GC Column: RTX-502.2 ID: 0.53 (mm)

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

CONCENTRATION UNITS:

CAS NO. (ug/L or ug/Kg) UG/KG COMPOUND Q

71-43-2----Benzene 70 108-88-3----Toluene 1000 E 100-41-4----Ethylbenzene 190 E 1330-20-7-----Xylene (Total) 1100 E

FORM I VOA

EPA SAMPLE NO.

1281017DL

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

CAS NO.

Lab Sample ID: A1248-10BDL

Sample wt/vol:

0.5 (q/mL) G

Lab File ID:

V4B3093

Level:

(low/med) LOW Date Received: 08/21/02

% Moisture: not dec. 19

Date Analyzed: 08/27/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

 42 2	D	

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2-----Benzene 108-88-3-----Toluene 100-41-4-----Ethylbenzene 1330-20-7-----Xylene (Total)

130 D J 15 D J

12 U

57 D J

FORM I VOA

EPA SAMPLE NO.

1281017

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1248

Matrix: (soil/water) SOIL

Lab Sample ID: A1248-10A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2C8898

Level: (low/med) LOW

Date Received: 08/21/02

% Moisture: 19 decanted: (Y/N) N Date Extracted:08/21/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/23/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	(ug/L d	or ug/Kg	f) UG/KG	Q
91-20-3	Naphthalene	<del></del>			5 J
91-57-6	2-Methylnapht	halene	i ·		OŪ
208-96-8	Acenaphthylen	.e	i	41	סוס
	Acenaphthene			41	O U
132-64-9	Dibenzofuran			41	סוֹס
86-73-7	Fluorene			41	סט
85-01-8	Phenanthrene			41	υlo
120-12-7	Anthracene			41	οlŪ
206-44-0	Fluoranthene			41	ס ס
129-00-0	Pyrene		<del></del> j	410	ប្រ
	Benzo(a) anthr	acene		410	טוכ
218-01-9	Chrysene			410	שוכ
	Benzo (b) Fluor	anthene		410	ប
207-08-9	Benzo (k) fluor	anthene		410	ט ע
	Benzo (a) pyren			410	บไซ
193-39-5	Indeno(1, 2, 3-	cd) pyrene		410	,
53-70-3	Dibenzo(a,h)a	nthracene		410	ט כ
	Benzo(g,h,i)p			410	ס∤ט
			!		_

EPA SAMPLE NO.

Lab Name: MITKEM COR	PORATION	Contract:	1281017
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: A1248
Matrix: (soil/water)	WATER	Lab Sample ID	: A1248-10B
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2468
Level: (low/med)	LOW	Date Received:	: 08/21/02
% Moisture: not dec.		Date Analyzed	: 08/29/02
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	or: 1.0
Soil Extract Volume:	(uL)	Soil Aliquot V	Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I	
108-88-3	Benzene Toluene Ethylbenzene Xylene (Total)		1 11 1 7

Lab Name: MITKEM CORPORATION Contract: 1281017

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al248

Matrix: (soil/water) WATER Lab Sample ID: A1248-10A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0611

Level: (low/med) LOW Date Received: 08/21/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/23/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/28/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/	'Kg) UG/L	Q
	Naphthalene			J
	2-Methylnaphtl			υ
	Acenaphthylene			ט :
83-32-9	Acenaphthene		33	U
132-64-9	Dibenzofuran			-[υ
	Fluorene		33	. บ
85-01-8	Phenanthrene		33	Įυ
120-12-7	Anthracene —		33	U
206-44-0	Fluoranthene		33	U
129-00-0	Pyrene		33	U
56-55-3	Benzo (a) anthra	cene	33	U
218-01-9	Chrysene		33	U
205-99-2	Benzo (b) fluora	nthene	33	U
207-08-9	·Benzo(k)fluora	nthene	33	U
50-32-8	Benzo (a) pyrene		33	U
193-39-5	·Indeno(1,2,3-c	d)pyrene	33	ប
53-70-3	·Dibenzo(a,h)an	thracene	33	U
191-24-2	Benzo(g,h,i)pe	rylene	33	ט
				I

CONCENTRATION UNITS:

### U.S. EPA - CLP

## 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Name:	MITKEM_CO	ORPORATION	Cont	ract:			1281017
Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1248_
trix (soil/w	ater):	SOIL		I	.ab Samp	le ID:	A1248-10A
el (low/me	ed):	MED		I	Date Rece	ived:	08/21/02
Solids:		81.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	7420 00 6	11		_		NR	
	7429-90-5	Aluminum				NR NR	
	7440-36-0	Antimony			<del></del>	NR NR	
	7440-38-2	Arsenic		<del>  -</del> -	<del></del>	NR	
	7440-39-3	Barium				NR	
	7440-41-7 7440-43-9	Beryllíum Cadmium			<del></del>	NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	7440-48-4	Cobalt	<del></del>			NR	
	7440-50-8	Copper				NR	
	7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				NR]	
	7439-96-5	Manganese				NR	
	7439-97-6	Mercury				NR]	
	7440-02-0	Nickel				NR	
	7440-09-7	Potassium				NR	
	7782-49-2	Selenium				_NR	
	7440-22-4	Silver_				NR	
	7440-23-5	Sodium		_ _		NR	
	7440-28-0	Thallium_				NR	
	7440-62-2	Vanadium				NR	
	7440-66-6	Zinc			37	NR	
		Cyanide	0.28	\U\ 	N	CA	
		<del></del>					
or Before:			Clarity Before:	<del></del>			Texture:
or After:			Clarity After:				Artifacts:
mments:							

FORM I - IN

SW846

EPA SAMPLE NO.

RPSB128A9105

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1138

Matrix: (soil/water) SOIL

Sample wt/vol:

5.2 (g/mL) G

Lab File ID:

V4B2686

Level:

MED

(low/med)

Date Received: 07/29/02

% Moisture: not dec. 16

Date Analyzed: 08/06/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 100.0

Lab Sample ID: A1138-01A

Soil Extract Volume:

CAS NO.

5 (mL)

COMPOUND

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	5700 35000 460000 1300000	לנים לל ל
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EPA SAMPLE NO.

RPSB128A9105

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1138

Matrix: (soil/water) SOIL

Level: (low/med) LOW

Lab Sample ID: Al138-01B

S1D0247

Sample wt/vol:

30.3 (g/mL) G

Lab File ID:

Date Received: 07/29/02

% Moisture: 16

decanted: (Y/N) N

Date Extracted: 07/29/02

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 08/06/02

Injection Volume: 1.0(uL)

CAS NO.

COMPOUND

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

рH: \_\_\_

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

0

91-20-3Naphthalene 91-57-62-Methylnaphthalene 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0	250000 E P P P P P P P P P P P P P P P P P

EPA SAMPLE NO.

RPSB128A9105DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: Al138

Matrix: (soil/water) SOIL

Lab Sample ID: Al138-01BDL

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: S1D0252

Level: (low/med) LOW

Date Received: 07/29/02

% Moisture: 16

decanted: (Y/N) N Date Extracted:07/29/02

Injection Volume: 1.0(uL)

CAS NO.

COMPOUND

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/06/02

Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

91-20-3Naphthalene	220000	D
91-57-62-Methylnaphthalene	74000	D
208-96-8Acenaphthylene	16000	DJ
83-32-9Acenaphthene	4700	DJ
132-64-9Dibenzofuran	39000	U
86-73-7Fluorene	15000	DJ
85-01-8Phenanthrene	42000	D
120-12-7Anthracene	8800	DJ
206-44-0Fluoranthene	14000	DJ
129-00-0Pyrene	26000	DJ
56-55-3Benzo(a)anthracene	7300	DJ
218-01-9Chrysene	7100	DJ
205-99-2Benzo(b) fluoranthene	39000	U
207-08-9Benzo(k)fluoranthene	39000	U
50-32-8Benzo (a) pyrene	4000	DJ
193-39-5Indeno(1, 2, 3-cd) pyrene	39000	U
53-70-3Dibenzo (a, h) anthracene	39000	U
191-24-2Benzo(g,h,i)perylene	39000	U

EPA SAMPLE NO.

Q

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1138

Matrix: (soil/water) WATER Lab Sample ID: A1138-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C1907

Level: (low/med) LOW Date Received: 07/29/02

% Moisture: not dec. \_\_\_\_\_\_ Date Analyzed: 08/08/02

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

COMPOUND

CAS NO.

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

71-43-2-----Benzene 200 U
108-88-3-----Toluene 930
100-41-4-----Ethylbenzene 4600
1330-20-7-----Xylene (Total) 14000

EPA SAMPLE NO.

RPSB128A9105

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1138

Matrix: (soil/water) WATER

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID:

S1D0231

Level:

(low/med)

LOW

Date Received: 07/29/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/01/02

Lab Sample ID: A1138-01B

Concentrated Extract Volume:

1.0(uL)

Date Analyzed: 08/05/02

Dilution Factor: 1.0

Injection Volume:

1000 (uL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L CAS NO. COMPOUND

Q

91-20-3Naphthalene	210	
91-57-62-Methylnaphthalene	11	J
208-96-8Acenaphthylene		J
83-32-9Acenaphthene	33	ע
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	υ
120-12-7Anthracene	33	U
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo(a) anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo (b) fluoranthene	33	U
207-08-9Benzo(k) fluoranthene	33	U
50-32-8Benzo (a) pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	U

#### U.S. EPA - CLP

# INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO.

RPSB128A9105	

Lab Name:	MITKEM CO	ORPORATION	Cont	ract:			RPSB128A9105
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1138_
Matrix (soil/w		SOIL		Lai	b Samp	le ID:	A1138-01B
Madix (SOID W	aici j.	50H					
Level (low/me	ed):	MED		Da	te Rece	eived:	07/29/02
% Solids:		84.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	Aluminum				NR.	
	7440-36-0	•				NR	
	7440-38-2					NR	
	7440-39-3					NR	
	7440-41-7	Beryllium				NR	
	7440-43-9	Cadmium				NR	
	7440-70-2	Calcium				NR	
	7440-47-3	Chromium				NR	
	_7440-48-4	Cobalt				NR	
	_7440-50-8	Copper				NR	
	_7439-89-6	Iron				NR	
	7439-92-1	Lead				NR	
	7439-95-4	Magnesium				NR	
	7439-96-5	Manganese	r			NR.	
	_7439-97-6	Mercury				NR	
	_7440-02-0	Nickel				NR	
	_7440-09-7	Potassium				NR	
	_7782-49-2	Selenium				NR	
	_7440-22-4	Silver				NR	
	_7440-23-5 <sup>.</sup>	Sodium				NR	
	_7440-28-0	Thallium				NR	
	_7440-62-2	Vanadium				NR	
	_7440-66-6	Zinc	<u> </u>	<del>-  </del>		NR	
		Cyanide	0.29	U_ <b>J</b>		CA	
						-	<b>77</b>
Color Before:		<del></del>	Clarity Before:				Texture:
Color After:	<del></del> -		Clarity After:				Artifacts:
Comments:							

EPA SAMPLE NO.

RPSB128A215225

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1138

Matrix: (soil/water) SOIL

Lab Sample ID: A1138-03A

Sample wt/vol: 2.5 (g/mL) G

Lab File ID: V4B2642

Level: (low/med) LOW

Date Analyzed: 08/02/02

Date Received: 07/29/02

% Moisture: not dec. 19

GC Column: RTX-502.2 ID: 0.53 (mm)

CAS NO. COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	2 26 28 68	न्यत्व
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RPA SAMPLE NO.

RPSB128A215225

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1138

Matrix: (soil/water) SOIL

Sample wt/vol:

30.2 (q/mL) G

Lab File ID:

CONCENTRATION UNITE:

S1D0241

Level:

(low/med)

TOW

Date Received: 07/29/02

% Moisture: 19

decanted: (Y/N) N

1000 (uL)

Date Extracted: 07/29/02

Lab Sample ID: A1138-03B

Concentrated Extract Volume:

Date Analyzed: 08/06/02

Injection Volume:

1.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG		
91-20-3	Naphthalene		410	
91-57-6	2-Methylnapht	halene	410	
208-96-8	Acenaphthylen	ie	410	
03-32-0	Acenaphthene		410	U
122 64 0	Dibenzofuran		410	lυ
	Fluorene		410	U

85-01-8-----Phenanthrene 120-12-7-----Anthracene 206-44-0----Fluoranthene 129-00-0-----Pyrene

86-73-7-----Fluorene

56-55-3-----Benzo(a)anthracene 218-01-9-----Chrysene 205-99-2-----Benzo(b) fluoranthene

207-08-9-----Benzo(k)fluoranthene 50-32-8-----Benzo (a) pyrene\_

193-39-5----Indeno(1,2,3-cd)pyrene 53-70-3-----Dibenzo(a,h)anthracene\_ 191-24-2----Benzo(g,h,i)perylene\_

410 U 410 U 410 U 410 U

410 U 410 U 410 U 410 U

410 U

410 U

410 U

410 U

EPA SAMPLE NO.

RPSB128A215225 Lab Name: MITKEM CORPORATION Contract: Case No.: SAS No.: Lab Code: MITKEM SDG No.: A1138 Matrix: (soil/water) WATER Lab Sample ID: A1138-03A Lab File ID: Sample wt/vol: 5.000 (g/mL) ML V6C1901 Level: (low/med) LOW Date Received: 07/29/02 % Moisture: not dec. Date Analyzed: 08/08/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0 Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: \_\_\_\_(uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L CAS NO. COMPOUND Q 71-43-2----Benzene 5 | U 5 U 2 J 108-88-3-----Toluene 100-41-4-----Ethylbenzene 2 J 1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

RPSB128A215225

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al138

Matrix: (soil/water) WATER

Lab Sample ID: Al138-03B

Sample wt/vol: 300.0 (g/mL) ML

Lab File ID: S1D0233

Level: (low/med) LOW

Date Received: 07/29/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 08/01/02

Concentrated Extract Volume:

1000(uL) Date Analyzed: 08/05/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg) (	
91-20-3	Nanhthalene		33 III

91-20-3Naphthalene 91-57-62-Methylnaphthalene 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Pluoranthene 129-00-0	33 33 33 33 33 33 33 33 33 33	מממממממממ
		_
		_
	33	U
	33	U
	33	U
129-00-0Pyrene	33	U
56-55-3Benzo(a)anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k)fluoranthene	33	U
50-32-8Benzo(a)pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	Ū
53-70-3Dibenzo(a,h)anthracene	33	Ū
191-24-2Benzo(g,h,i)perylene	33	TT I
l		

#### U.S. EPA - CLP

	INO	RGANIC ANALYSIS	DATA	SHEET		EPA SAMPLE NO.
MITTEN C		Cont	met:			RPSB128A215225
MITKEM_CO	ORPORATION	Cont	iaci.			<u>.                                    </u>
MITKEM	Case No.:		SAS No.:		<del></del>	SDG No.: A1138_
टा):	SOIL			Lab Samp	le ID:	A1138-03B
:	MED			Date Rece	ived:	07/29/02
	81.0					
Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
CAS No	Analyte	Concentration	С	0	M	
CAS No.	/ mary to	Conconduction				
7429-90-5	Aluminum				NR	
		1			NR	
					NR	
					NR	
					_NR	
					NR	
	Calcium	TATELON			_NR	
7440-47-3	Chromium		_		NR	
7440-48-4	Cobalt				NR	
7440-50-8	Copper		_		<b>-</b> 7 1	
7439-89-6					i 1	
7439-92-1	Lead					
7439-95-4	Magnesium					
7439-96-5	Manganese					
7439-97-6	Mercury				i 1	
7440-02-0	Nickel		-			
7440-09-7	Potassium					
7782-49-2			<del>-  -  -</del>		( 1	
7440-22-4	Silver		-++			
7440-23-5		•		<u> </u>	NR	
7440-28-0	Thallium				NR	
7440-62-2	Vanadium	4			_NR	
	Zinc	1	U		NR CA	
7440-66-6	Cyanide					
	CAS No.  7429-90-5 7440-36-0 7440-38-2 7440-39-3 7440-41-7 7440-47-3 7440-47-3 7440-50-8 7439-95-4 7439-95-4 7439-97-6 7440-02-0 7440-09-7 7782-49-2 7440-22-4	81.0	81.0	81.0  Concentration Units (ug/L or mg/kg dry weight):  CAS No. Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Calcium C  Analyte Concentration C  Calcium C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Calcium C  Analyte Concentration C  Calcium C  Analyte Concentration C  Calcium C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte Concentration C  Analyte C  Ana	MED   Date Rece   81.0	MED

FORM I - IN

SW846

EPA SAMPLE NO.

RPSB128A2428

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1138

Matrix: (soil/water) SOIL

Lab Sample ID: Al138-02A

Sample wt/vol: 5.0 (q/mL) G

Lab File ID: V4B2644

Level: (low/med) LOW

Date Received: 07/29/02

% Moisture: not dec. 23

Date Analyzed: 08/02/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene	1 UJ
108-88-3Toluene	1 UJ
100-41-4Ethylbenzene	1 UJ
1330-20-7Xylene (Total)	4 _J

EPA SAMPLE NO.

RPSB128A2428

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.: SDG No.: A1138

Matrix: (soil/water) SOIL

Lab Sample ID: Al138-02B

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: S1D0240

Level: (low/med) LOW

Date Received: 07/29/02

% Moisture: 23 decanted: (Y/N) N Date Extracted: 07/29/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/06/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/K		Q
01 20-3	Naphthalene		430	U
91-20-3	2-Methylnapht	nalene	430	U
31-37-0	Acenaphthylen	2	430	U
200-30-0	Acenaphthene_		430	
132-64-9	Dibenzofuran_		430	U
86-73-7	Fluorene		430	U
95-01-8	Phenanthrene_		430	U
120-12-7	Anthracene		430	
206-44-0	Fluoranthene_		430	
	Pyrene		430	U
56-55-3	Benzo(a)anthr	acene	430	U
	Chrysene		430	
205-99-2	Benzo(b)fluor	anthene	430	
207-08-9	Benzo(k)fluor	anthene	430	
50-32-8	Benzo(a)pyren	9	430	
193-39-5	Indeno(1,2,3-c	cd) pyrene	430	
53-70-3	Dibenzo (a, h) a	nthracene	430	
101-24-2	Benzo (g h i) p	ervlene	430	U

EPA SAMPLE NO.

RPSB128A2428

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1138

Matrix: (soil/water) WATER

Lab Sample ID: A1138-02A

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

Lab File ID: V6C1909

Level: (low/med) LOW

Date Received: 07/29/02

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

Date Analyzed: 08/08/02

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

Dilution Factor: 1.0

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kq) UG/L

Q

1330-20-7-3-3-3-XyIche (15car/	-71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Tota		5 5 5 2	ם מ מ
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BPA SAMPLE NO.

RPSB128A2428

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1138 Lab Sample ID: Al138-02B Matrix: (soil/water) WATER Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0232 Date Received: 07/29/02 Level: (low/med) LOW % Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_\_ Date Extracted:08/01/02 Date Analyzed: 08/05/02 Concentrated Extract Volume: 1000(uL) Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: \_\_\_ CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L 0 CAS NO COMPOTIND

CAS NO.	COMPOUND (ug/1 of ug/1		** 
91-20-3	Naphthalene	33	
91~57-6	2-Methylnaphthalene	33	
208-96-8	Acenaphthylene	33	U
200-30-0	Acenaphthene	33	U
132-64-9	Dibenzofuran	33	ָד
	Fluorene	33	U
05 01 0	Phenanthrene	33	υ
120 12 7	Anthracene	33	
206 44 0	Fluoranthene	33	
129-00-0		33	
129-00-0	Benzo (a) anthracene	33	
		33	
218-01-9	Chrysene Benzo(b) fluoranthene	33	
205-99-2	Belizo (b) fluoranthene	33	
207-08-9	Benzo(k) fluoranthene	33	
50-32-8	Benzo(a) pyrene	33	
193-39-5	Indeno(1,2,3-cd)pyrene	33	
53-70-3	Dibenzo (a, h) anthracene		
191-24-2	Benzo(g,h,i)perylene	33	U

### U.S. EPA - CLP

## INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	MITER CO	ORPORATION	Cont	ract:			RPSB128A2428
	_						and v
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.: A1138_
Matrix (soil/wa	iter):	SOIL		L	ab Samp	ole ID:	A1138-02B
Level (low/me	d):	MED		D	Date Rece	eived:	07/29/02
% Solids:		77.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	М	
ļ						NTD.	
}	_7429-90-5	Aluminum				NR NB	
	_7440-36-0		<u> </u>			NK	
}	_7440-38-2					NR ND	
ļ	_7440-39-3					NR NR	
	_7440-41-7				<del></del>	NR	
1	_7440-43-9					NR	
	_7440-70-2	Calcium		<del>-     -</del>		NR	
	_7440-47-3	Chromium	3			NR	
	7440-48-4 7440-50-8	Cobait			-	NR	
	7 <del>44</del> 0-30-8 _7439-89-6	Iron				NR	
	_7439-89-0 _7439-92-1	Lead				NR	
	_7439-95-4	Magnesium				NR	
	_7439-96-5	Manganese				NR	
	_7439-90-5 _7439-97-6	Mercury				NR	
	_7440-02-0	Nickel				NR	
	7440-02-0 7440-09-7	Potassium				NR	
	7440-09-7 _7782-49-2	Selenium	· 1			NR	
	7440-22-4	Silver				NR	
	7440-22 <del>-4</del> _7440-23-5	Sodium				NR	
	7440-23-3 7440-28-0	Thallium				NR	
	7440-28-0 _7440-62-2	Vanadium				NR	
	7440-62-2 7440-66-6	Zinc				NR	
		Cyanide	0.28	U J		CA	
			. 1			<u>l</u> -l	
Color Before:	<del></del>		Clarity Before:				Texture:
Color After:			Clarity After:				Artifacts:
Comments:							

EPA SAMPLE NO.

1291517

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-01B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3129

Level:

(low/med) MED Date Received: 08/26/02

% Moisture: not dec. 19

Date Analyzed: 08/28/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 20.0

Soil Extract Volume:

5 (mL)

Soil Aliquot Volume: 100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	36000 1200 100000 43000	Ū

1291517

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-01A

Sample wt/vol:

30.6 (g/mL) G

Lab File ID: S2C9127

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 19

decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 09/04/02

Injection Volume: 1.0(uL)

Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	CONCENTRAT COMPOUND (ug/L or u	TION UNITS: g/Kg) UG/KG	Q
91-57-6- 208-96-8 83-32-9- 132-64-9 86-73-7- 85-01-8- 120-12-7 206-44-0 129-00-0 56-55-3- 218-01-9 205-99-2 207-08-9 50-32-8- 193-39-5 53-70-3-	Naphthalene2-MethylnaphthaleneAcenaphthyleneAcenaphtheneDibenzofuranFluorenePhenanthreneFluorantheneBenzo(a) anthraceneChryseneBenzo(b) fluorantheneBenzo(b) fluorantheneBenzo(a) pyreneBenzo(a) pyrene	510000 280000 9000 150000 5400 81000 210000 56000 55000 84000 28000 27000 14000 6800 19000 4700 40000	J J J J J J J J J
		_	

EPA SAMPLE NO.

1291517 Lab Name: MITKEM CORPORATION Contract: SAS No.: Lab Code: MITKEM SDG No.: A1273 Case No.: Matrix: (soil/water) WATER Lab Sample ID: A1273-01B Sample wt/vol: 5.000 (q/mL) ML Lab File ID: V6C2593 Level: (low/med) Date Received: 08/26/02 LOW % Moisture: not dec. Date Analyzed: 09/02/02 ID: 0.25 (mm) GC Column: DB-624 Dilution Factor: 10.0 Soil Extract Volume:\_ (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 71-43-2----Benzene 710 108-88-3-----Toluene 10 0 100-41-4----Ethylbenzene 1200 1330-20-7-----Xylene (Total) 620

1291517 Lab Name: MITKEM CORPORATION Contract: SAS No.: Lab Code: MITKEM Case No.: SDG No.: A1273 Lab Sample ID: A1273-01A Matrix: (soil/water) WATER Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D0763 Level: (low/med) LOW Date Received: 08/26/02 % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted: 08/27/02 Date Analyzed: 09/04/02 Concentrated Extract Volume: 1000(uL) Dilution Factor: 10.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

91-20-3Naphthalene	4800	
91-57-62-Methylnaphthalene	1000	
208-96-8Acenaphthylene	330	\ <u>u</u> _
83-32-9Acenaphthene	550	
132-64-9Dibenzofuran	330	Ū
86-73-7Fluorene	180	J
85-01-8Phenanthrene	370	
120-12-7Anthracene	88	
206-44-0Fluoranthene	73	J
129-00-0Pyrene	130	J
56-55-3Benzo (a) anthracene	54	
218-01-9Chrysene	55	J
205-99-2Benzo (b) fluoranthene	330	U
207-08-9Benzo(k)fluoranthene	330	U
50-32-8Benzo(a)pyrene	44	J
193-39-5Indeno(1,2,3-cd)pyrene	330	U
53-70-3Dibenzo(a,h)anthracene	330	U
191-24-2Benzo(g,h,i)perylene	330	U

#### U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ab Name:	MITKEM_CO	ORPORATION	Cont	ract:			1291	517
ab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1273
Matrix (soil/wa	ater):	SOIL		I	Lab Samp	le ID:	A 1273-	D1A
evel (low/med	d):	MED		I	Date Rece	ived:	08/26/02	2
6 Solids:		81.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	M		
	7429-90-5	Aluminum				NR		
	7440-36-0	Antimony	I			NR		
		Arsenic				NR		
	_7440-39-3	Barium	i			NR		
	_7440-41-7	Beryllium				NR		
	_7440-43-9	Cadmium				NR		
	_7440-70-2	Calcium				NR		
	_7440-47-3	Chromium			<b></b>	_NR		
	_7440-48-4	Cobalt				_NR		
	7440-50-8	Copper				NR		
	7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium				_NR		
	_7439-96-5	Manganese				_NR		
	7439-97-6	Mercury				_NR		
	_7440-02-0	Nickel		-		_NR		
	7440-09-7	Potassium		_		NR		
,	_7782-49-2	Selenium		-		NR		
	_7440-22-4	Silver				NR		
	_7440-23-5	Sodium				_NR		
	_7440-28-0	Thallium				NR		
	_7440-62-2					NR		
	_7440-66-6			<u> </u>		_NR		
		Cyanide	0.27	บ_ _		CA		
1								
olor Before:			Clarity Before:	<u></u>			Texture:	
olor After:			Clarity After:	<del></del>			Artifacts:	
omments:								

FORM 1 - IN

SW846

EPA SAMPLE NO.

1293747
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Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-02B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3154

Level: (low/med) LOW Date Received: 08/26/02

% Moisture: not dec. 21

Date Analyzed: 08/29/02

GC Column: RTX-502.2 ID: 0.53 (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

	71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	74 1 2 2	
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FORM I VOA

OLM03.0

EPA SAMPLE NO.

1293747

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-02A

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S2C9090

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 21

decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q
91-20-3 91-57-6 208-96-8 83-32-9 132-64-9 86-73-7	Naphthalene2-MethylnaphthAcenaphthyleneAcenaphtheneDibenzofuranFluorene	alene		420 420 420 420 420 420 78	U U U U U
120-12-7 206-44-0 129-00-0 56-55-3	Anthracene	cene		420 420 420 420 420 420	U U U U
205-99-2 207-08-9 50-32-8 193-39-5 53-70-3	Benzo(b)fluora Benzo(k)fluora Benzo(a)pyrene Indeno(1,2,3-c Dibenzo(a,h)an Benzo(g,h,i)pe	nthened) pyrenethracene		420 420 420 420 420 420	บ บ บ บ
	<del>-</del> -		i		

EPA SAMPLE NO.

Lab Name: MITKEM COR	RPORATION	Contract:	1293747	
Lab Code: MITKEM	Case No.:	SAS No.: SDG	No.: A1273	
Matrix: (soil/water)	WATER	Lab Sample ID	: A1273-02B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2594	
Level: (low/med)	LOW	Date Received:	: 08/26/02	
% Moisture: not dec.		Date Analyzed:	: 09/02/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot V	/olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I		
71-43-2 108-88-3 100-41-4 1330-20-7			2 1 U 1 U 1 U	

EPA SAMPLE NO.

1293747

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) WATER

Lab Sample ID: A1273-02A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID:

S1D0650

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:08/27/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 08/30/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

91-20-3Naphthalene 91-57-62-Methylnaphthalene 208-96-8Acenaphthylene 83-32-9Acenaphthene 132-64-9Dibenzofuran 86-73-7Fluorene 85-01-8Phenanthrene 120-12-7Anthracene 206-44-0Fluoranthene 129-00-0Pyrene 56-55-3Benzo(a) anthracene 218-01-9Chrysene 205-99-2Benzo(b) fluoranthene 207-08-9Benzo(k) fluoranthene 50-32-8Benzo(a) pyrene 193-39-5Indeno(1,2,3-cd) pyrene 53-70-3	33 U 33 U 33 U 33 U 33 U 33 U 33 U 33 U

#### U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ode:	MITKEM	Case No.:		SAS No.:			SDG No.: A1273_
(soil/w	rater):	SOIL		L	ab Samp	le ID:	A1273-02A
low/me	ed):	MED		Γ	ate Rece	eived:	08/26/02
ds:		79.0					
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG
	CAS No.	Analyte	Concentration	С	Q	M	
	7429-90-5	Aluminum				NR	
	7440-36-0					NR	
	7440-38-2		-			NR	
	7440-39-3					NR	
	7440-41-7					NR	
	7440-43-9					NR	
	7440-70-2					NR	
	7440-47-3					NR	
	7440-48-4					NR	
	_7440-50-8					_NR	
	_7439-89-6	•-				NR	
	_7439-92-1	Lead				_NR	
	_7439-95-4	Magnesium				NR	
	_7439-96-5	Manganese		<del></del>		_NR	
	_7439-97-6					NR	
	7440-02-0	Nickel				_NR	
	_7440-09-7	Potassium	I			NR	
	_7782-49-2	Selenium				_NR	
	_7440-22-4	Silver				NR	
	_7440-23-5	Sodium				NR	
	7440-28-0	Thallium	•	<del></del>		_NR	
	_7440-62-2	Vanadium		<del></del>		NR	
	_7440-66-6	Zinc				_NR	
		Cyanide	0.32	B		CA	
Before:			Clarity Before:				Texture:
After:			Clarity After:	<del></del>	<del></del>		Artifacts:
ents:							

FORM I - IN

SW846

EPA SAMPLE NO.

1298797

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-03B

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: V4B3104

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: not dec. 24

Date Analyzed: 08/27/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

0

71-43-2Benzene 108-88-3Toluene	24	Ū
100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1	ט

1298797

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1273

Matrix: (soil/water) SOIL

Lab Sample ID: A1273-03A

Sample wt/vol:

30.3 (g/mL) G

Lab File ID: S2C9091

Level: (low/med) LOW

Date Received: 08/26/02

% Moisture: 24 decanted: (Y/N) N

Date Extracted: 08/26/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 08/31/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND	(ug/L or	ug/Kg)	UG/KG	Q
91-20-3	Naphthalene			430	U
91-57-6	2-Methylnaphtl	nalene		430	U
208-96-8	Acenaphthylene	è		430	U
83-32-9	Acenaphthene			430	U
132-64-9	Dibenzofuran			430	U
86-73-7	Fluorene			430	U
85-01-8	Phenanthrene			430	
120-12-7	Anthracene			430	U
206-44-0	Fluoranthene		(	430	Įυ
129-00-0	Pyrene			430	U
56-55-3	Benzo (a) anthra	acene		430	U
	Chrysene			430	Įυ
	Benzo (b) fluora	nthene	<del></del>	430	U
	Benzo(k)fluora			430	U
	Benzo (a) pyrene			430	ĮΨ
193-39-5	Indeno (1, 2, 3-c	d)pyrene		430	U
53-70-3	Dibenzo(a,h) ar	nthracene		430	ע
	Benzo(q,h,i)pe			430	U
		- <u></u>			İ

EPA SAMPLE NO.

Lab Name: MI	TKEM CORPOR	RATION C	Contract:		1298797	
Lab Code: MI	TKEM Cas	se No.:	SAS No.:	SDG	No.: A1273	
Matrix: (soi	l/water) WF	ATER	Lab Sa	ample ID:	A1273-03B	
Sample wt/vo	1: 5.	.000 (g/ml) Ml	Lab Fi	ile ID:	V6C2595	
Level: (lo	w/med) LC	WC	Date F	Received:	08/26/02	
% Moisture:	not dec		Date A	Analyzed:	09/02/02	
GC Column: D	B-624 II	D: 0.25 (mm)	Diluti	on Facto	r: 1.0	
Soil Extract	Volume:	(uL)	Soil A	liquot V	olume:	(uL)
CAS N	Ö.	COMPOUND	CONCENTRATION (ug/L or ug/		Q	
108-8 100-4					1 U 1 U 1 U 1 U	

129-00-0-----Pyrene

218-01-9-----Chrysene

56-55-3-----Benzo(a)anthracene

50-32-8-----Benzo (a) pyrene

205-99-2----Benzo (b) fluoranthene

207-08-9-----Benzo(k) fluoranthene

193-39-5----Indeno(1,2,3-cd)pyrene

53-70-3-----Dibenzo (a,h) anthracene

191-24-2----Benzo(q,h,i)perylene

EPA SAMPLE NO.

1298797 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1273 Matrix: (soil/water) WATER Lab Sample ID: A1273-03A 300.0 (q/mL) ML Sample wt/vol: Lab File ID: S1D0651 Level: (low/med) LOW Date Received: 08/26/02 decanted: (Y/N) Date Extracted: 08/27/02 % Moisture: Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/30/02 Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH: CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 91-20-3-----Naphthalene 33 U 91-57-6----2-Methylnaphthalene 33 U 208-96-8-----Acenaphthylene 33 (U 83-32-9-----Acenaphthene 33 U 132-64-9-----Dibenzofuran 33 U 33 U 86-73-7----Fluorene 33 U 85-01-8----Phenanthrene 33 U 120-12-7-----Anthracene 33 U 206-44-0----Fluoranthene

FORM I SV-1

33|℧

33 U

33 U

33 U

33 JU

33 U

33 U

33 U

33 U

#### U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	MITKEM C	ORPORATION_	Cont	ract:			1298	3797
Lab Code:	MITKEM	Case No.:		SAS No.:			SDG No.:	A1273
Lab Code;	MITKEM	Case No		710110			02011011	
Matrix (soil/wa	iter):	SOIL		L	ab Samp	le ID:	A1273-	03A
evel (low/med	đ):	MED		D	ate Rece	ived:	08/26/02	2
% Solids:		76.0						
	Concentration	Units (ug/L or ma	g/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Aluminum			······	NR		
	7440-36-0	Antimony				NR		
İ	_7440-38-2	Arsenic	1			NR		
	_7440-39-3	Barium				NR		
Ī	_7440-41-7	Beryllium	1			NR		
	7440-43-9	Cadmium				NR		
	_7440-70-2	Calcium	12.			NR		
	_7440-47-3	Chromium				_NR		
	_7440-48-4	Cobalt		_		_NR		
	_7440-50-8	Copper				NR		
	_7439-89-6	Iron				NR		
	_7439-92-1	Lead				_NR		
	_7439-95-4	Magnesium		_		NR		
	_7439-96-5	Manganese				NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	_7440-09-7	Potassium				NR		
	_7782-49-2	Selenium				NR		
	_7440-22-4	Silver				NR		
	_7440-23-5	Sodium		_   _   _		NR		
	_7440-28-0	Thallium				NR		
	_7440-62-2	Vanadium				NR		
	7440-66-6	Zinc		-   -		NR		
	 	Cyanide	0.32	_ U		_CA		
			1					
Color Before:			Clarity Before:				Texture:	
Color After:		<del></del>	Clarity After:				Artifacts:	
Comments:								

EPA SAMPLE NO.

45

1302224 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No : SDG No.: A1297 Matrix: (soil/water) SOIL Lab Sample ID: A1297-06B Sample wt/vol: 0.5 (q/mL) GLab File ID: V4B3195 Level: (low/med) Date Received: 08/29/02 % Moisture: not dec. 46 Date Analyzed: 09/03/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 0 71-43-2----Benzene 450 108-88-3-----Toluene 18 U 100-41-4-----Ethylbenzene 52 1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

1302224

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: Al297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-06A

Sample wt/vol: 30.0 (g/mL) G

Lab File ID:

S3B9496

Level: (low/med) LOW

Date Received: 08/29/02

% Moisture: 46

decanted: (Y/N) N

Date Extracted:08/31/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/18/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

EPA SAMPLE NO.

Lab Name: MITKEM CORPORA	ATION C	ontract:	1302224	
Lab Code: MITKEM Case	e No.:	SAS No.: SDG	No.: Al297	
Matrix: (soil/water) WAS	TER	Lab Sample II	: A1297-06B	
Sample wt/vol: 5.0	000 (g/mL) ML	Lab File ID:	V6C2742	
Level: (low/med) LOW	W	Date Received	1: 08/29/02	
% Moisture: not dec		Date Analyzed	: 09/07/02	
GC Column: DB-624 ID	: 0.25 (mm)	Dilution Fact	or: 1.0	
Soil Extract Volume:	(uL)	Soil Aliquot	Volume:(u	止)
CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/		
71-43-2	Foluene Ethylbenzene		8 1 U 1 U	

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1297

Matrix: (soil/water) WATER Lab Sample ID: A1297-06A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C9345

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/16/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

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

		i
91-20-3Naphthalene	13	J
91-57-62-Methylnaphthalene	33	l -
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran	33	U
86-73-7Fluorene	33	
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	U
206-44-0Fluoranthene	33	_
129-00-0Pyrene	33	
56-55-3Benzo(a) anthracene	33	
218-01-9Chrysene	33	
205-99-2Benzo(b) fluoranthene	33	U
207-08-9Benzo(k)fluoranthene	33	U
50-32-8Benzo(a) pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	U
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	U
1)1 21 2 20 1)1-1 11 1 1		

#### U.S. EPA - CLP

		INO	PRGANIC ANALYSIS DATA SHEET				EPA SAMPLE NO.	
							1302	2224
Lab Name:	MITKEM_C	ORPORATION	Con	tract:				
Lab Code:	МІТКЕМ	Case No.:	<del></del>	SAS No.:			SDG No.:	A1297
Matrix (soil/w	rater):	SOIL		L	ab Samp	ole ID:	A1297-	06A
Level (low/me	ed):	MED		Ľ	ate Reco	eived:	08/29/03	2
% Solids:		54.0						
	Concentration	Units (ug/L or mg	/kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Aluminum				NR		
	_7440-36-0	Antimony	I			NR		
	_7440-38-2	Arsenic				NR		
	_7440-39-3	Barium				NR		
	_7440-41-7	Beryllium	•			NR		
	_7440-43-9	Cadmium				NR		
	_7440-70-2	Calcium				NR		
	_7440-47-3	Chromium				NR		
	_7440-48-4	Cobalt				NR		
	_7440-50-8	Copper	<del></del>			NR		
	_7439-89-6	Iron				NR		
	_7439-92-1	Lead				_NR		
	_7439-95-4	Magnesium	1			NR		
	_7439-96-5	Manganese	I			NR		
	_7439-97-6	Mercury	•			NR		
	_7440-02-0	Nickel				_NR		
	_7440-09-7	Potassium				NR		
	_7782-49-2	Selenium				NR NR		
	_7440-22-4	Silver	_	<del></del>		NR		
	_7440-23-5	Sodium		<del></del>		NR		
	_7440-28-0	Thallium				NR		
	7440-62-2	Vanadium			<u></u>	NR		
	7440-66-6	Zinc	0.42	U		CA		
		Cyanide	0.42					
Color Before:			Clarity Before:		<del></del>		Texture:	
Color After:			Clarity After:				Artifacts:	
Comments:								

SW846

EPA SAMPLE NO.

1304757	
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Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-07B

Sample wt/vol:

5.2 (g/mL) G

Lab File ID: V4B3167

Level: (low/med) LOW

Date Received: 08/29/02

% Moisture: not dec. 18

Date Analyzed: 08/30/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1 1 1	ם מ מ

EPA SAMPLE NO.

1304757

Q

400 U

400 U

400 U

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

CAS NO.

Case No.:

SAS No.: SDG No.: A1297

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

Matrix: (soil/water) SOIL Lab Sample ID: A1297-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3B9494

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: 18 decanted: (Y/N) N Date Extracted:08/31/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/18/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

COMPOUND

207-08-9-----Benzo(k)fluoranthene

191-24-2----Benzo(g,h,i)perylene

193-39-5------Indeno (1, 2, 3-cd) pyrene 53-70-3------Dibenzo (a, h) anthracene

50-32-8-----Benzo (a) pyrene

GPC Cleanup: (Y/N) N pH:

400 U 91-20-3-----Naphthalene 400 U 91-57-6----2-Methylnaphthalene 400 U 208-96-8-----Acenaphthylene 83-32-9-----Acenaphthene 400 U 400 U 132-64-9-----Dibenzofuran 86-73-7-----Fluorene 400 U 400 U 85-01-8-----Phenanthrene 120-12-7-----Anthracene 400 U 400 U 206-44-0-----Fluoranthene 400 U 129-00-0-----Pyrene 56-55-3-----Benzo(a)anthracene 400 U 400 U 218-01-9-----Chrysene 205-99-2----Benzo (b) fluoranthene 400 U

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION	Contract:	1304757	
Lab Code: MITKEM Case No.:	SAS No.:	SDG No.: A1297	·
Matrix: (soil/water) WATER	Lab San	mple ID: A1297-07B	
Sample wt/vol: 5.000 (g/mL)	ML Lab Fil	e ID: V6C2743	
Level: (low/med) LOW	Date Re	eceived: 08/29/02	
% Moisture: not dec.	Date Ar	nalyzed: 09/07/02	
GC Column: DB-624 ID: 0.25 (m	mm) Dilutic	on Factor: 1.0	
Soil Extract Volume:(uL)	Soil Al	iquot Volume:	(uL)
CAS NO. COMPOUND	CONCENTRATION (ug/L or ug/K		
71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenze 1330-20-7Xylene (To		1 U 1 U 1 U 1 U	

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: Al297

Matrix: (soil/water) WATER Lab Sample ID: A1297-07A

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S2C9346

Level: (low/med) LOW Date Received: 08/29/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:09/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/16/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

	<del></del>	
91-20-3Naphthalene	33	υ
91-57-62-Methylnaphthalene	33	U
208-96-8Acenaphthylene	33	U
83-32-9Acenaphthene	33	U
132-64-9Dibenzofuran	33	ט
86-73-7Fluorene	33	U
85-01-8Phenanthrene	33	U
120-12-7Anthracene	33	ט
206-44-0Fluoranthene	33	U
129-00-0Pyrene	33	U
56-55-3Benzo (a) anthracene	33	U
218-01-9Chrysene	33	U
205-99-2Benzo (b) fluoranthene	33	U
207-08-9Benzo (k) fluoranthene	33	U
50-32-8Benzo (a) pyrene	33	U
193-39-5Indeno(1,2,3-cd)pyrene	33	υ
53-70-3Dibenzo(a,h)anthracene	33	U
191-24-2Benzo(g,h,i)perylene	33	ប

#### U.S. EPA - CLP

#### 1 INORGANIC ANALYSIS DATA SHEET

	EPA SAMPLE NO.
Ī	

Name:	MITKEM_CO	ORPORATION	Cont	ract:			1304757	
Code:	МІТКЕМ	Case No.:		SAS No.:			SDG No.: A129	7_
tri <b>x</b> (soil/w	/ater):	SOIL		L	ab Samp	ole ID:	A1297-07A	
el (low/me	ed):	MED		D	ate Reco	eived:	08/29/02	
Solids:		82.0						
	Concentration	Units (ug/L or mg	kg dry weight):				MG/KG	
	CAS No.	Analyte	Concentration	С	Q	M		
	_7429-90-5	Aluminum				NR		
	7440-36-0	Antimony				NR		
	7440-38-2	1				NR		
	7440-39-3		i			NR		
	7440-41-7	· 1				NR		
	7440-43-9					NR		
	7440-70-2					NR		
	7440-47-3	Chromium	i e			NR		
	7440-48-4	Cobalt	i			NR		
	7440-50-8	i				NR		
	_7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese		_		NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	_7440-09-7					NR		
	_7782-49-2	i				NR		
	_7440-22-4	Silver				NR		
	_7440-23-5	Sodium				NR		
	_7440-28-0	Thallium			<del></del>	_NR		
	_7440-62-2	Vanadium			<del></del>	NR		
	_7440-66-6	Zinc				NR		
		Cyanide	0.30	U		CA		
or Before:	<del></del>		Clarity Before:	· · · · · · · · · · · · · · · · · · ·			Texture:	
or After:	J		Clarity After:	,			Artifacts:	
nments:								

FORM I - IN

SW846

1330-20-7-----Xylene (Total)

EPA SAMPLE NO.

1 0

1308797 Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1297 Matrix: (soil/water) SOIL Lab Sample ID: A1297-08B Lab File ID: Sample wt/vol: 5.0 (g/mL) GV4B3168 Level: (low/med) LOW Date Received: 08/29/02 % Moisture: not dec. 21 Date Analyzed: 08/30/02 GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0 Soil Extract Volume: \_\_\_\_ (mL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG CAS NO. COMPOUND Q 71-43-2----Benzene 1|0 108-88-3-----Toluene 1 | ប 100-41-4-----Ethylbenzene 1 | U

FORM I VOA

OLM03.0

1308797

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-08A

Sample wt/vol:

30.4 (g/mL) G

Lab File ID: S3B9495

Level:

(low/med) LOW Date Received: 08/29/02

% Moisture: 21

decanted: (Y/N) N

Date Extracted: 08/31/02

Concentrated Extract Volume:

1000 (uL)

Date Analyzed: 09/18/02

Injection Volume:

1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup:

(Y/N) N

pH:\_\_\_\_

	CAS NO.	COMPOUND		or ug/Kg)		Q
	91-57-6 208-96-8 83-32-9 86-73-7 85-01-8 120-12-7 206-44-0 129-00-0 56-55-3 218-01-9 205-99-2 207-08-9 50-32-8 193-39-5	Naphthalene2-MethylnaphtAcenaphthylenAcenaphthene	aceneanthene_ecd)pyrene_nthracene_		420 420 420 420 420 420 420 420 420 420	
- 1				- 1		

1308797RE

Lab Name: MITKEM CORPORATION

contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1297

Matrix: (soil/water) SOIL

Lab Sample ID: A1297-08ARE

Sample wt/vol:

30.3 (g/mL) G

Lab File ID: S2C9384

Level:

(low/med) LOW Date Received: 08/29/02

% Moisture: 21

decanted: (Y/N) N

Date Extracted: 09/18/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/19/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO. COMPO	OUND	CONCENTRATION (ug/L or ug/Kg)		Q
91-20-3Napht 91-57-62-Met 208-96-8Acena 83-32-9Acena 132-64-9Fluor 86-73-7Fluor 85-01-8Phena 120-12-7Anthr 206-44-0Fluor 129-00-0Pyrer 56-55-3Benzo 218-01-9	hylnaphthale phthylene phthene pofuran rene mthrene cacene (a) anthracer sene (b) fluoranth (a) pyrene (a) (a, 2, 3-cd) pyro (a, h) anthracer	nene	420 420 420 420 420 420 420 420 420 420	44444444444

EPA SAMPLE NO.

			1308797	
Lab Name: MITKEM CORP	PORATION	Contract:		
Lab Code: MITKEM C	Case No.:	SAS No.: SDG	No.: A1297	
Matrix: (soil/water)	WATER	Lab Sample ID:	A1297-08B	
Sample wt/vol:	5.000 (g/mL) ML	Lab File ID:	V6C2744	
Level: (low/med)	LOW	Date Received:	08/29/02	
% Moisture: not dec.		Date Analyzed:	09/07/02	
GC Column: DB-624	ID: 0.25 (mm)	Dilution Facto	or: 1.0	
Soil Extract Volume:_	(uL)	Soil Aliquot V	Volume:(	ս上)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/I		
			1 U 1 U 1 U	

1308797

Contract: Lab Name: MITKEM CORPORATION SDG No.: A1297 SAS No.: Case No.: Lab Code: MITKEM Lab Sample ID: Al297-08A Matrix: (soil/water) WATER Lab File ID: S2C9347 300.0 (g/mL) ML Sample wt/vol: Date Received: 08/29/02 (low/med) LOW Level: Date Extracted: 09/05/02 % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Analyzed: 09/16/02 1000 (uL) Concentrated Extract Volume: Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: (Y/N) N pH:\_\_\_ CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L 0 COMPOUND CAC NO

CAS NO.	COMPOUND	(ug/II or ug/ig		* * · · · · · · · · · · · · · · · · · ·
91-20-3	Naphthalene		33	
91-57-6	2-Methylnaphthale	ne	33	
208-96-8	Acenaphthylene		33	
83-32-9	Acenaphthene		33	
132-64-9	Dibenzofuran		33	U
	Fluorene		33	ט
	Phenanthrene		33	U
100 10 7	Anthracene		33	U
120-12-7	Fluoranthene		33	
			33	
129-00-0	Per-e (2) 22thx2002		33	
	Benzo(a) anthracen	<sup>-</sup>	33	
218-01-9	Chrysene		33	
205-99-2	Benzo(b) fluoranthe	ene	33	
207-08-9	Benzo(k)fluoranthe	ene	33	
50-32-8	Benzo(a)pyrene			
193-39-5	Indeno $(1,2,3-cd)$ py	yrene	33	
53-70-3	Dibenzo(a,h)anthra	acene	33	
191-24-2	Benzo(g,h,i)peryle	ene	33	ប

#### U.S. EPA - CLP

### 1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ab Name:	MITKEM CO	ORPORATION	Co	ntract:			1308	3797
ab Code:	MITKEM	Case No.:		SAS No	.:		SDG No.:	A1297
Matrix (soil/wa	ater):	SOIL			Lab Samp	le ID:	A1297-	08A
.evel (low/me	d):	MED			Date Rece	eived:	08/29/0	2
% Solids:	,	79.0						
o Sonas:			7 4				MG/KG	
	Concentration	Units (ug/L or mg.	/kg dry weight):		<del></del>		MO/RO	
;	CAS No.	Analyte	Concentration	С	Q	М		
	_7429-90-5	Aluminum		•		NR		
	_7440-36-0					NR		
	7440-38-2	Arsenic				NR		
	_7440-39-3	Barium	i i	-		_NR		
	7440-41-7	Beryllium	1			NR		
ı	_7440-43-9	Cadmium			! 	NR		
	_7440-70-2	Calcium				NR		
!	_7440-47-3	Chromium				NR		
	_7440-48-4	Cobalt				NR		
	_7440-50-8	Copper				NR		
	7439-89-6	Iron				NR		
	_7439-92-1	Lead				NR		
	_7439-95-4	Magnesium				NR		
	_7439-96-5	Manganese		<del></del>		_NR		
	_7439-97-6	Mercury				NR		
	_7440-02-0	Nickel				NR		
	_7440-09-7	Potassium		<del></del>		NR		
	_7782-49-2	Selenium				_NR		•
	_7440-22-4	Silver				NR.		
	_7440-23-5	Sodium		···	<u> </u>	_NR		
	7440-28-0	Thallium		·	<u></u>	NR		
	_7440-62-2					_NR		
	_7440-66-6				<u> </u>	NR		
		Cyanide	0.31	U_		CA		
			a 2				T	
olor Before:			Clarity Before:				Texture:	
Color After:			Clarity After:				Artifacts:	
Comments:								

SW846

# Surface Soil Validated Form I Analytical Data

CLIENT SAMPLE NO.

RPSS-17 0-2

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: A1409

Matrix: (soil/water) SOIL

Lab Sample ID: A1409-04A

Sample wt/vol:

Lab Code: MITKEM

30.2 (g/mL) G

Lab File ID:

E1D7006F

% Moisture: 6

decanted: (Y/N) N

Date Received: 09/26/02

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 09/26/02

Concentrated Extract Volume:

10000 (uL)

Date Analyzed: 09/28/02

Injection Volume:

CAS NO.

1.0 (uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH: \_\_\_\_

Sulfur Cleanup: (Y/N) Y

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

Q

		<del></del>
12674-11-2Aroclor-1016	35	ប
11104-28-2Aroclor-1221	35	U
11141-16-5Aroclor-1232	35	U
53469-21-9Aroclor-1242	35	ប
12672-29-6Aroclor-1248	35	U
11097-69-1Aroclor-1254	35	ប
11096-82-5Aroclor-1260	35	ប

CLIENT SAMPLE NO.

RPSS-18 0-2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1409

Matrix: (soil/water) SOIL

Lab Sample ID: A1409-03A

Sample wt/vol:

30.5 (g/mL) G

Lab File ID: E1D7005F

% Moisture: 0

decanted: (Y/N) N

Date Received: 09/26/02

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 09/26/02

Concentrated Extract Volume:

10000 (uL)

Date Analyzed: 09/28/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

12674-11-2Aroclor-1016	33 33 33 33	U U
12672-29-6Aroclor-1248 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260	33 33 33	Ŭ

RPSSXX092502

Lab Name: MITKEM CORPORATION

Contract:

RPSS-18 0-2 (DUP)

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1409

Matrix: (soil/water) SOIL

Lab Sample ID: A1409-05A

Sample wt/vol:

30.3 (q/mL) G

Lab File ID:

E1D7007F

% Moisture: 2

decanted: (Y/N) N

Date Received: 09/26/02

Extraction:

(SepF/Cont/Sonc) SONC

Date Extracted: 09/26/02

Concentrated Extract Volume:

10000(uL)

Date Analyzed: 09/28/02

Injection Volume:

1.0(uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH:

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(uq/L or uq/Kq) UG/KG

0

12674-11-2Aroclor-1016 11104-28-2Aroclor-1221	34 U
11141-16-5Aroclor-1232	34 U
53469-21-9Aroclor-1242	34 U
12672-29-6Aroclor-1248	34 U
11097-69-1Aroclor-1254	34 U
11096-82-5Aroclor-1260	34 U

CLIENT SAMPLE NO.

RPSS-19 0-2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1409

Matrix: (soil/water) SOIL

Lab Sample ID: A1409-02A

Sample wt/vol:

Lab File ID:

\_

30.5 (g/mL) G

new rife ip.

E1D7004F

% Moisture: 2

decanted: (Y/N) N

Date Received: 09/26/02

Extraction:

(SepF/Cont/Sonc) SONC

Date Extracted: 09/26/02

Concentrated Extract Volume:

10000 (uL)

Date Analyzed: 09/28/02

Injection Volume:

1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH:

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

l l	12674-11-2Aroclor-1016 11104-28-2Aroclor-1221 11141-16-5Aroclor-1232 53469-21-9Aroclor-1242 12672-29-6Aroclor-1248 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260	33 33 33 33 33 33 33 33	บ บ บ บ
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# DNAPL Validated Form I Analytical Data

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

07DDNAPL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

MED

SAS No.:

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-01A

Sample wt/vol:

1.0 (g/mL) G

Lab File ID: V3A6745

Date Received: 09/25/02

% Moisture: not dec.

Level: (low/med)

GC Column: RTX-502.2 ID: 0.53 (mm)

Date Analyzed: 10/05/02

Soil Extract Volume:

10 (mL)

Dilution Factor: 50.0

Soil Aliquot Volume: 100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(uq/L or uq/Kq) UG/KG

0

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	74000 230000 230000 2600000	
		l

#### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

07DDNAPL Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397 Matrix: (soil/water) WATER Lab Sample ID: A1397-01A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C3359 Level: (low/med) LOW Date Received: 09/25/02 % Moisture: not dec. \_\_\_\_\_ Date Analyzed: 10/09/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0 Soil Extract Volume: (uL) Soil Aliquot Volume: \_\_\_\_ (uL) CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) UG/L COMPOUND 0

GD NO.	CONT. CONT.	(49/2 02 49/1	9/ 00/1	¥
75-01-4	Vinyl Chloride		10	T7
	1,1-Dichloroethen	e l	10	
	2-Butanone		10	
	Chloroform		10	U
56-23-5	Carbon Tetrachlor	ide_	10	U
	1,2-Dichloroethan	e	10	ט
71-43-2			280	:
79-01-6	Trichloroethene		10	Ū
127-18-4	Tetrachloroethene		10	ט
108-90-7	Chlorobenzene		10	U

#### 1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

07DDNAPL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.: SAS No.:

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-01B

Sample wt/vol: 1.0 (q/mL) G

Lab File ID: S2D0304

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: 0 decanted: (Y/N) N

Date Extracted: 11/07/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 11/13/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND (ug/L or u	ıg/Kg)	UG/KG	Q
108-95-2	Phenol		10000	υ
111-44-4	bis(2-Chloroethyl)Ether	-	100000	טוס
	2-Chlorophenol	_	100000	טוכ
541-73-1	1,3-Dichlorobenzene	_	100000	บ่ับ
106-46-7	1,4-Dichlorobenzene		100000	ט ט
	1,2-Dichlorobenzene	_	100000	ט ו ט
95-48-7	2-Methylphenol	_	100000	)   บ
	2,2'-oxybis(1-Chloropropane	Σl	100000	טוֹט
106-44-5	4-Methylphenol		100000	ט נ
621-64-7	N-Nitroso-di-n-propylamine	_	100000	)   บ
67-72-1	Hexachloroethane	-	100000	) U
98~95-3~	Nitrobenzene	_	100000	וֹע
78~59-1~	Isophorone	-	100000	וֹע
88~75-5	2-Nitrophenol	-	100000	טוֹט
	2,4-Dimethylphenol	-	100000	ט
120-83-2	2,4-Dichlorophenol	-	100000	עוֹי
120-82-1	1,2,4-Trichlorobenzene	_	100000	U
91~20-3	Naphthalene	<u> </u>	61000000	E
106-47-8	4-Chloroaniline	_	100000	U
	bis(2-Chloroethoxy)methane	_	100000	ប
87-68-3	Hexachlorobutadiene	_ <sub>1</sub>	100000	U
59-50-7	4-Chloro-3-Methylphenol	_	100000	U
91~57-6	2-Methylnaphthalene	_	34000000	E
77~47-4	Hexachlorocyclopentadiene	-1	100000	ט
88-06-2	2,4,6-Trichlorophenol	-	100000	U
95-95-4	2,4,5-Trichlorophenol	-	200000	ប
91-58-7	2-Chloronaphthalene	-1	100000	U
88-74-4	2-Nitroaniline	1	200000	Ū
131-11-3	Dimethylphthalate	-	100000	Ū
	Acenaphthylene	-	15000000	
	2,6-Dinitrotoluene	-	100000	,
100-09-2	3-Nitroaniline	7	200000	
	Acenaphthene	-	1700000	E
		·		

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

07DDNAPL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-01B

Sample wt/vol:

1.0 (g/mL) G

Lab File ID: S2D0304

Date Received: 09/25/02

Level: (low/med) LOW

% Moisture: 0 decanted: (Y/N) N Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 11/13/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

CONCENTRATION UNITS:

GPC Cleanup: (Y/N) N pH: \_\_\_\_

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
		2000001	Ŧ

S1-28-52,4-Dinitrophenol		·	
100-02-74-Nitrophenol   200000   U   132-64-9Dibenzofuran   960000   U   121-14-22,4-Dinitrotoluene   100000   U   10000   U   100000   U   100000   U   100000   U   100000   U   100000   U   100000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   10000000   U   10000000   U   10000000   U   10000000   U   10000000   U   10000000   U   10000000   U   10000000   U   100000000   U   10000000   U   100000000   U   100000000   U   1000000000   U   100000000   U   10000000000	51-28-52 4-Dinitrophenol	200000	ប
132-64-9	100-02-74-Nitrophenol	200000	ט
121-14-2	122 64 0 Dibenzofuran	960000	
100000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   1000000   U   10000000000	132-04-32 4-Dinitrotoluene	100000	Ū
7005-72-34-Chlorophenyl-phenylether 86-73-7Fluorene 100-01-64-Nitroaniline 534-52-14,6-Dinitro-2-methylphenol 86-30-6N-Nitrosodiphenylamine (1) 101-55-34-Bromophenyl-phenylether 1100000 118-74-1Hexachlorobenzene 85-01-8Phenanthrene 120-12-7Anthracene 86-74-8Carbazole 86-74-8Carbazole 84-74-2Di-n-butylphthalate 129-00-0Pyrene 85-68-7Butylbenzylphthalate 129-00-0	04 66-2Diethylphthalate	100000	ע
86-73-7	7005-72-24-Chlorophenyl-phenylether	100000	U
100-01-64-Nitroaniline       200000 U         534-52-14,6-Dinitro-2-methylphenol       200000 U         86-30-6Nitrosodiphenylamine (1)       100000 U         101-55-34-Bromophenyl-phenylether       100000 U         118-74-1Hexachlorophenol       200000 U         87-86-5Pentachlorophenol       200000 U         85-01-8	7005-72-5	11000000	E
534-52-14, 6-Dinitro-2-methylphenol       200000 U         86-30-6N-Nitrosodiphenylamine (1)       100000 U         101-55-34-Bromophenyl-phenylether       100000 U         118-74-1Hexachlorophenol       200000 U         85-01-8Pentachlorophenol       2300000 E         85-01-8Phenanthrene       7800000 E         120-12-7Anthracene       320000 E         86-74-8	100 01 6 4-Nitroaniline	200000	שו
86-30-6N-Nitrosodiphenylamine       (1)         101-55-34-Bromophenyl-phenylether       100000         118-74-1Hexachlorobenzene       100000         87-86-5Pentachlorophenol       200000         85-01-8Phenanthrene       2300000         120-12-7Anthracene       7800000         86-74-8	524 52 1	200000	U
101-55-34-Bromophenyl-phenylether 100000 U 118-74-1Hexachlorobenzene 200000 U 57-86-5Pentachlorophenol 200000 U 55-01-8Phenanthrene 2300000 E 55-01-8Phenanthrene 320000 E 56-74-8Carbazole 32000 E 56-74-8Pluoranthene 100000 U 56-68-7Pluoranthene 1700000 E 56-55-3Benzo (a) anthracene 4700000 E 56-55-3Benzo (a) anthracene 4700000 E 56-55-3Benzo (b) fluoranthene 100000 U 56-59-2Benzo (b) fluoranthene 100000 U 56-59-3Benzo (c) pyrene 100000 E 56-53	oc as c N Nitrogodiphenylamine (1)	100000	υ
101-55-3	86-30-6		Ū
87-86-5	101-55-3-3-3-3-4-BIOMOPHENY Pheny realer		ט
85-01-8	118-74-1nexaciiiOtobelizere	200000	Ū
120-12-7Anthracene   7800000   E	87-86-5Pentacinorophenor_		R
86-74-8Carbazole       320000         84-74-2Di-n-butylphthalate       100000         206-44-0Fluoranthene       7700000         129-00-0Pyrene       17000000         85-68-7	85-01-8Phenaticurene		R
84-74-8	120-12-7Anthracene		_
206-44-0	86-74-8Carbazoie		ĪĪ
17000000 E 129-00-0	84-74-2Di-n-butyiphthalace		
85-68-7			1 —
91-94-13,3'-Dichlorobenzidine 56-55-3Benzo(a) anthracene 218-01-9Chrysene 117-81-7bis(2-Ethylhexyl) phthalate 117-84-0Benzo(b) fluoranthene 205-99-2Benzo(b) fluoranthene 207-08-9Benzo(k) fluoranthene 193-39-5Indeno(1,2,3-cd) pyrene 193-39-5Dibenzo(a,h) anthracene 260000  100000 U 4700000 E 4700000 E 100000 U 100000 U 100000 E 100000 E 100000 E 100000 E 100000 E	129-00-0Pyrene		1
56-55-3Benzo (a) anthracene       4700000 E         218-01-9Chrysene       4200000 E         117-81-7bis (2-Ethylhexyl) phthalate       100000 U         117-84-0Benzo (b) fluoranthene       3100000 E         205-99-2Benzo (b) fluoranthene       3100000 E         207-08-9Benzo (k) fluoranthene       1400000 E         50-32-8Benzo (a) pyrene       1900000 E         193-39-5	85-68-7Butylbenzylphthalate		_
218-01-9Chrysene 117-81-7bis (2-Ethylhexyl) phthalate 117-84-0Benzo (b) fluoranthene 205-99-2Benzo (k) fluoranthene 207-08-9Benzo (a) pyrene 193-39-5Indeno (1, 2, 3-cd) pyrene 53-70-3	91-94-13,3'-Dichlorobenziaine	1	, <del>-</del>
218-01-9			
117-81-7	218-01-9Chrysene		-
117-84-0	117-81-7bis(2-Ethylhexyl)phthalate		_
207-08-9Benzo (k) fluoranthene 1400000 E  50-32-8Benzo (a) pyrene 1900000 E  193-39-5Indeno (1, 2, 3-cd) pyrene 790000 E  53-70-3Dibenzo (a, h) anthracene 260000	117-84-0Di-n-octylphthalate		
207-08-9Benzo(k) Hubratichen	205-99-2Benzo (b) fluoranthene		E
193-39-5Indeno(1,2,3-cd)pyrene			
193-39-5	50-32-8Benzo(a)pyrene	1	R
53-70-3Dibenzo(a,h)anthracene 260000	193-39-5Indeno(1,2,3-cd)pyrene		
191-24-2Benzo(g,h,i)perylene	53-70-3Dibenzo(a,h)anthracene		
	191-24-2Benzo(q,h,i)perylene	820000	

(1) - Cannot be separated from Diphenylamine

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

RPA SAMPLE NO.

07DDNAPL

Lab	Name:	MITKEM	CORPORATION
-----	-------	--------	-------------

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-01B

Sample wt/vol:

1.0 (g/mL) G

Lab File ID: S2D0304

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: decanted: (Y/N)\_\_\_

Date Extracted: 11/07/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 11/13/02

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

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

Number TICs found: 12

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

07DDNAPLDL

0

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SA

SAS No.: SDG No.: A1397

Matrix: (soil/water) SOIL Lab Sample ID: A1397-01BDL

Sample wt/vol: 1.0 (g/mL) G Lab File ID: S2D0253

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: 0 decanted: (Y/N) N Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/14/02

Injection Volume: 1.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO. COMPOUND CONCENTRATION UNITS:

(uq/L or uq/kq) UG/kG

I			<del></del> _
108-95-2Phenol		10000000	ט
111-44-4bis(2-Chlo	proethyl) Ether	10000000	Ū
95-57-82-Chloroph		10000000	1
541-73-11,3-Dichlo		10000000	
106-46-71,4-Dichlo		10000000	_
95-50-11,2-Dichlo		10000000	U
95-48-72-Methylph		10000000	_
108-60-12,2'-oxybi		10000000	_
106-44-54-Methylph		10000000	
621-64-7N-Nitroso-		10000000	1 -
67-72-1Hexachloro		10000000	
98-95-3Nitrobenze		10000000	-
78-59-1Isophorone		10000000	_
88-75-52-Nitrophe		10000000	Ū
105-67-92,4-Dimeth		10000000	
120-83-22,4-Dichlo		10000000	Ū
120-82-11,2,4-Tric		10000000	ប
91-20-3Naphthalen		88000000	D
106-47-84-Chloroan		10000000	U
111-91-1bis(2-Chlo	roethoxy) methane	10000000	ប
87-68-3Hexachloro		10000000	U
59-50-74-Chloro-3	-Methylphenol	10000000	U
91-57-62-Methylna		38000000	D
77-47-4Hexachloro		10000000	U
88-06-22,4,6-Tric		10000000	Ū
95-95-42,4,5-Tric		20000000	Ū
91-58-72-Chlorona		10000000	Ū
88-74-42-Nitroani		20000000	Ŭ
131-11-3Dimethylph		- 1	Ū
208-96-8Acenaphthy			Ď
606-20-22,6-Dinitro		10000000	ן ט
100-09-23-Nitroani		20000000	- 1
83-32-9Acenaphthe		2400000	_

#### 1C SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

07DDNAPLDL

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-01BDL

Sample wt/vol:

Lab Code: MITKEM

1.0 (g/mL) G

Case No.:

Lab File ID: S2D0253

Level: (low/med) LOW

CONCENTRATION UNITS:

Date Received: 09/25/02

% Moisture: 0

decanted: (Y/N) N

Date Extracted: 11/07/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 11/14/02

Injection Volume: 1.0(uL)

Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CAS NO.	COMPOUND (1	ng/L or ug/Kg) UG/KG	Q 
51-28-5	2,4-Dinitrophenol_	2000000	
100-02-7	4-Nitrophenol	2000000	
132-64-9	Dibenzofuran	140000	
121-14-2	2,4-Dinitrotoluene	1000000	
84-66-2	Diethylphthalate	1000000	
7005-72-3	4-Chlorophenyl-pher	nylether 1000000	
86-73-7	Fluorene	1200000	
100-01-6	4-Nitroaniline	2000000	
534-52-1	4,6-Dinitro-2-methy	/lphenol 2000000	
86-30-6	N-Nitrosodiphenylar	nine_(1)  1000000	
101-55-3	4-Bromophenyl-pheny	lether   1000000	
118-74-1	Hexachlorobenzene_	1 1000000	
87-86-5	Pentachlorophenol_	2000000	1
85-01-8	Phenanthrene	4200000	
120-12-7	Anthracene	1100000	- 1
96-74-8	Carbazole	1000000	
00-74-0 94-74-2	Di-n-butylphthalate	1000000	0   U
04-74 2 206-44-0	Fluoranthene	1100000	0   D
129-00-0		2300000	0 ) D
123-00 0 05-69-7	Butylbenzylphthalat	1000000	ט ט
01-00-7-	3,3'-Dichlorobenzio	line 1000000	ט כ
56-55-3	Benzo(a)anthracene	540000	
20-22 2 218-01-9	Chrysene	570000	
210-01 J 117-81-7	bis(2-Ethylhexyl)pl	nthalate 1000000	
117-84-0	Di-n-octylphthalate	5 1 1000000	
205-99-2	Benzo(b) fluoranthe	ne 420000	DJ
203-33-2 203-33-2	Benzo(k) fluoranther	ne 240000	TG C
ZU/-U0-3	Benzo(a) pyrene	500000	עם כ
102 20 E	Indeno(1,2,3-cd)pyr	rene 1000000	ט∖כ
TA7-3A-3	Dibenzo(a,h)anthrac	- <del> </del>	
53-/0-3	Benzo(g,h,i)peryler		
191-24-2	bettzo(g,11,1/peryret		
- Cannot be	separated from Dipheny	lamine	

#### 1F

### SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

07DDNAPLDL
------------

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-01BDL

Sample wt/vol:

1.0 (g/mL) G

Lab File ID: S2D0253

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 11/14/02

Injection Volume: 1.0(uL)

Dilution Factor: 100.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

Number TICs found: 16

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

	COMPOUND NAME	RT	EST. CONC.	Q
1. 25013-15-4 BE	=======================================		=========	=====
3. 622-76-4 4. 90-12-0 5. 827-54-3 6. 575-37-1 7. 575-41-7 8. 581-42-0 NA	BNZENE, ETHENYLMETHYL- NDENE ENZENE, 1-BUTYNYL- APHTHALENE, 1-METHYL- APHTHALENE, 2-ETHENYL- APHTHALENE, 1,7-DIMETHYL- APHTHALENE, 1,3-DIMETHYL- APHTHALENE, 2,6-DIMETHYL- APHTHALENE, 2,6-DIMETHYL- APHTHALENE, 2-ETHENYL-	6.78 7.53 9.04 11.04 11.80 12.12 12.26 12.31 12.39	5600000 12000000 4400000 29000000 5900000 9200000 10000000 5400000	NJD NJD NJD NJD NJD NJD NJD NJD NJD
10. 571-58-4 NA 11. 610-48-0 AN 12. 779-02-2 AN 14. 779-02-2 AN 15. 35465-71-5 2- 16. 238-84-6 11 17.	APHTHALENE, 2-ETHENYL- APHTHALENE, 1,4-DIMETHYL- NTHRACENE, 1-METHYL- NTHRACENE, 9-METHYL- NKNOWN NTHRACENE, 9-METHYLPHENYLNAPHTHALENE 1H-BENZO[A] FLUORENE	12.49 16.93 16.98 17.13 17.18 17.55 19.47	5400000 6500000 6900000 10000000 4500000 4300000	NJD NJD JD JD NJD NJD
19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.				

07DDNAPL

Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397 Matrix: (soil/water) WATER Lab Sample ID: A1397-01B Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D1404 Level: (low/med) LOW Date Received: 09/25/02 Date Extracted: 10/03/02 Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/11/02 Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

106-46-71,4-Dichlorobenzene	330	σ
95-48-72-Methylphenol	330	U
106-44-54-Methylphenol	330	Ū
67-72-1Hexachloroethane	330	บ
98-95-3Nitrobenzene	<u> </u>	U
87-68-3Hexachlorobutadiene	330	ប
88-06-22,4,6-Trichlorophenol	330	บ
95-95-42,4,5-Trichlorophenol	670	ប
121-14-22,4-Dinitrotoluene	330	U
118-74-1Hexachlorobenzene	330	U
87-86-5Pentachlorophenol	670	U
110-86-1Pyridine	330	U

## FORM 1 PESTICIDE ORGANICS ANALYSIS DATA SHEET

8001-35-2----Toxaphene

12789-03-6-----Chlordane (technical)

CLIENT SAMPLE NO.

17 U

8.3 U

07DDNAPL Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM SAS No.: SDG No.: A1397 Case No.: Lab Sample ID: A1397-01B Matrix: (soil/water) WATER Lab File ID: 300.0 (g/mL) ML E2D2805F Sample wt/vol: Date Received: 09/25/02 % Moisture: decanted: (Y/N) Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/03/02 Date Analyzed: 10/05/02 Concentrated Extract Volume: 10000(uL) Dilution Factor: 1.0 Injection Volume: 1.0(uL) Sulfur Cleanup: (Y/N) Y GPC Cleanup: (Y/N) N pH: \_\_\_\_ CONCENTRATION UNITS: COMPOUND (ug/L or ug/Kg) UG/L Q CAS NO. 58-89-9-----qamma-BHC (Lindane) 0.17 U 76-44-8------Heptachlor\_ 0.17 U 1024-57-3-----Heptachlor epoxide 0.17 U 72-20-8-----Endrin 0.33 U 1.7 ប 72-43-5-----Methoxychlor

#### FORM 1 PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

07DDNAPL

Lab Name: MITKEM CORPORATION

Contract:

Case No.:

SAS No.:

SDG No.: A1397

Matrix: (soil/water) OIL

Lab Sample ID: A1397-01BRE

Sample wt/vol:

Lab Code: MITKEM

1.0 (q/mL) G

Lab File ID: E4B6650F

% Moisture: 0

decanted: (Y/N) N

Date Received: 09/25/02

Extraction: (SepF/Cont/Sonc) DILUTION

Date Extracted: 11/07/02

1000 U

1000 U

1000 U

Concentrated Extract Volume: 10000(uL)

CAS NO.

Date Analyzed: 11/11/02

Injection Volume:

1.0 (uL)

COMPOUND

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

12672-29-6-----Aroclor-1248

11097-69-1----Aroclor-1254

11096-82-5-----Aroclor-1260

рH:

Sulfur Cleanup: (Y/N) Y

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

Q 1000 U 12674-11-2-----Aroclor-1016 1000 U 11104-28-2-----Aroclor-1221 1114-16-5-----Aroclor-1232 1000 U 53469-21-9----Aroclor-1242 1000 U

FORM I PCB

## FORM 1 HERB ORGANICS ANALYSIS DATA SHRET

CLIENT SAMPLE NO.

07DDNAPL Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397 Matrix: (soil/water) WATER Lab Sample ID: Al397-01B Sample wt/vol: 300.0 (g/mL) ML Lab File ID: E3D7908F Date Received: 09/25/02 % Moisture: decanted: (Y/N) Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/03/02 Date Analyzed: 11/05/02 Concentrated Extract Volume: 10000(uL) Dilution Factor: 1.0 Injection Volume: 1.0(uL) GPC Cleanup: Sulfur Cleanup: (Y/N) N (Y/N) N pH: \_\_\_\_ CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 94-75-7----2,4-D 3.3 U 93-72-1-----2,4,5-TP (Silvex) 0.33 U



## Analysis Report: Fuel Identification

Client:

GEI Consultants, Inc.

Analysis:

Method 8015M/8100M

Matrix:

Oil

<u>Lab ID</u>	Client ID	Result	Analysis Date
A1397-01B	07DDNAPL	see below	10/21/02
A1397-02B	07DDNAPL	see below	10/21/02

#### Fuel Identification:

Samples A1397-01B and A1397-02B contain resolved and unresolved peaks in the retention time range for a typical coal tar.

## **Mitkem Corporation**

CLIENT:

Lab ID:

GEI Consultants, Inc.

Client Sample ID: 07DDNAPL

A1397-01

Date: 10-Oct-02

Project: Keyspan

Collection Date: 09/24/02 15:57

Matrix: AQUEOUS

Analyses	Result Qual	Limit	Units	DF	Date Analyzed
METALS BY ICP	swe	010B_W			
Arsenic	ND	200	μg/L	1	09/26/02 18:15
Barium	ND	2000	μg/L	1	09/26/02 18:15
Cadmium	ND	60	μg/L	1	09/26/02 18:15
Chromium	ND	200	μg/L	1	09/26/02 18:15
Lead	ND	100	μg/L	1	09/26/02 18:15
Selenium	ND	300	μ <b>g/</b> L	1	09/26/02 18:15
Silver	ND	300	μg/L	1	09/26/02 18:15
MERCURY BY FIA	SW7	470 <b>A</b>			
Mercury	ND	2.0	μg/L	1	09/26/02 13:13

R - RPD outside accepted recovery limits

E - Value above quantitation range

## **Mitkem Corporation**

CLIENT:

Lab ID:

GEI Consultants, Inc.

Client Sample ID:

07DDNAPL A1397-01 Project: Keyspan

Collection Date: 09/24/02 15:57

Matrix: AQUEOUS

Date: 10-Oct-02

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
FLASHPOINT BY PENSKY-MAR	TENS CLOSED-C	SW101	0_S		•	
Ignitability	Flash at 170		200	°F	1	10/01/02 0:00
REACTIVE CYANIDE RELEASED	FROM WASTES	SW7.3.	3.2_S			
Reactive Cyanide	ND		1.0	mg/Kg	1	09/30/02 14:00
REACTIVE SULFIDE RELEASED	FROM WASTES	SW7.3.4	4.2_S			
Reactive Sulfide	1.2		1.0	mg/Kg	1	09/27/02 11:00
SOIL AND WASTE PH		SW904	5C_S			
рН	6.5		1.0	pH Units	1	09/27/02 0:00

R - RPD outside accepted recovery limits

E - Value above quantitation range

### SAYBOLT INC.



TEST

**LABORATORY NO.: 1848** 

**CUSTOMER** 

REF. NO(S):

VISCOSITY, KIN CST @ 100 F

WATER BY KARL FISHER, PPM

SPECIFIC GRAVITY AT 60 DEG F

**DATE:** 10/03/02

Job # 13036 0201575

NEW HAVEN INSP. OFFICE

#### **DESCRIPTION**

- Sample designated as: DNAPL
- Identifying Marks: SAMPLE ID A1397 01C FROM MITKEM CORP... WARWICK, RI.
- Submitted by: MITKEM CORP
- Client: MITKEM CORP.

SAMPLES SHALL BE RETAINED BY SAYBOLT INC. FOR FORTY-FIVE (45) DAYS UNLESS OTHERWISE REQUESTED IN WRITING.

#### NOTES

- This laboratory report may not be published or used except in full. It shall not be used in connection with any form of advertising unless written consent is received from an officer of Saybolt Inc.
- Results were based on analysis made at the time samples were received at the laboratory.
- Sample nomenclature is designated by the customer.

VISCOSITY, SSU SEC AT 100 F

**ANALYSIS** 

D-445 D-1744

**METHOD** 

D-445

26.5 \*2.06

50.97

RESULT

LABORATORY ANALYSIS REPORT

D-4052

\*1.13

\*ANALYSIS BY THIRD PARTY LAB

MEMBERS ASTM-API-SAE

This poor is issued solely for the use of our customers and supplies only information they specifically requested. There may be other relevant information which has not been reported. Saybolt Inc. will not be responsible to third parties for the contents of this report or for any omission therefrom.

/SAYBOLT INC.

#### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

09DDNAPL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-02A

Sample wt/vol:

1.0 (g/mL) G

Lab File ID:

V3A6746

Level:

(low/med) MED

GC Column: RTX-502.2 ID: 0.53 (mm)

Date Received: 09/25/02

% Moisture: not dec.

Date Analyzed: 10/05/02

Soil Extract Volume:

CAS NO.

10 (mL)

Dilution Factor: 50.0

Soil Aliquot Volume:

100.0(uL)

CONCENTRATION UNITS:

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	1800000 450000 3200000 5100000	E
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## VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

09DDNAPLDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-02ADL

Sample wt/vol:

1.0 (g/mL) G

Lab File ID: V3A6764

Level: (low/med)

MED

Date Received: 09/25/02

% Moisture: not dec.

Date Analyzed: 10/07/02

GC Column: RTX-502.2 ID: 0.53 (mm)

Dilution Factor: 100.0

Soil Extract Volume:

10 (mL)

Soil Aliquot Volume: 100.0(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

71-43-2Benzene 108-88-3Toluene 100-41-4Ethylbenzene 1330-20-7Xylene (Total)	2100000 520000 3800000 6200000	D D
1330-20-7Xy1ene (10ta1)	0200000	<u>.                                    </u>

#### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

108-90-7-----Chlorobenzene

EPA SAMPLE NO.

100 U

09DDNAPL Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397 Matrix: (soil/water) WATER Lab Sample ID: A1397-02A Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C3479 Level: (low/med) LOW Date Received: 09/25/02 % Moisture: not dec. Date Analyzed: 10/21/02 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0 Soil Extract Volume: (uL) Soil Aliquot Volume: \_\_\_\_(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (uq/L or uq/Kq) UG/L 0 75-01-4-----Vinyl Chloride 100 U 75-35-4----1,1-Dichloroethene 100 U 100 U 100 U 100 U 78-93-3----2-Butanone 67-66-3-----Chloroform 56-23-5-----Carbon Tetrachloride 107-06-2----1,2-Dichloroethane 100 U 71-43-2-----Benzene 8300 E 79-01-6-----Trichloroethene 100 U 127-18-4----Tetrachloroethene 100 U

## VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

09DDNAPLDL

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1397

Matrix: (soil/water) WATER

Lab Sample ID: A1397-02ADL

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

Lab File ID: V6C3358

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec.

Date Analyzed: 10/09/02

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

Dilution Factor: 100.0

Soil Extract Volume: (uL)

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

09DDNAPL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397

Matrix: (soil/water) SOIL Lab Sample ID: A1397-02B

Sample wt/vol: 1.0 (g/mL) G Lab File ID: S2D0305

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: 0 decanted: (Y/N) N Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/13/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

95-48-72-Methylphenol 100000 108-60-12,2'-oxybis (1-Chloropropane) 100000 106-44-54-Methylphenol 100000 621-64-7	
111-44-4	U
100000   1	
100000   106-46-7	
106-46-71,4-Dichlorobenzene   100000	
95-50-11,2-Dichlorobenzene 100000 95-48-72-Methylphenol 100000 108-60-12,2'-oxybis (1-Chloropropane) 100000 106-44-54-Methylphenol 100000 67-72-1Hexachloroethane 100000 98-95-3Nitrobenzene 100000 78-59-1Isophorone 100000 105-67-92,4-Dimethylphenol 100000 120-83-22,4-Dichlorophenol 100000 120-82-11,2,4-Trichlorobenzene 100000 91-20-3Naphthalene 100000 111-91-1bis (2-Chloroethoxy) methane 100000 87-68-3	U
95-48-72-Methylphenol 108-60-12,2'-oxybis (1-Chloropropane) 100000 106-44-54-Methylphenol 621-64-7N-Nitroso-di-n-propylamine 67-72-1Hexachloroethane 98-95-3Nitrobenzene 78-59-1Isophorone 88-75-52-Nitrophenol 100000 105-67-92,4-Dimethylphenol 120-82-11,2,4-Trichlorophenol 106-47-8Naphthalene 100000 111-91-1bis (2-Chloroethoxy) methane 87-68-3	
108-60-12, 2'-oxybis (1-Chloropropane)       100000         106-44-54-Methylphenol       100000         621-64-7Nhitroso-di-n-propylamine       100000         67-72-1Hexachloroethane       100000         98-95-3Nitrobenzene       100000         78-59-1Isophorone       100000         88-75-52-Nitrophenol       100000         105-67-92,4-Dimethylphenol       100000         120-83-22,4-Dichlorophenol       100000         120-82-11,2,4-Trichlorobenzene       100000         91-20-3Naphthalene       47000000         106-47-8Naphthalene       100000         111-91-1	U
106-44-54-Methylphenol       100000         621-64-7Nitroso-di-n-propylamine       100000         67-72-1Hexachloroethane       100000         98-95-3Nitrobenzene       100000         78-59-1Isophorone       100000         88-75-52-Nitrophenol       100000         105-67-92,4-Dimethylphenol       100000         120-83-22,4-Dichlorophenol       100000         120-82-11,2,4-Trichlorobenzene       100000         91-20-3Naphthalene       47000000         106-47-84-Chloroaniline       100000         111-91-1bis(2-Chloroethoxy) methane       100000         87-68-34-Chloro-3-Methylphenol       100000         91-57-62-Methylnaphthalene       26000000         88-06-22,4,6-Trichlorophenol       100000         95-95-42,4,5-Trichlorophenol       200000         91-58-72-Chloronaphthalene       100000	U
621-64-7N-Nitroso-di-n-propylamine 67-72-1Hexachloroethane 98-95-3Nitrobenzene 78-59-1Isophorone 88-75-52-Nitrophenol 105-67-92,4-Dimethylphenol 120-83-22,4-Dichlorophenol 120-82-11,2,4-Trichlorobenzene 91-20-3Naphthalene 100000 111-91-1bis (2-Chloroethoxy) methane 87-68-3	U
67-72-1Hexachloroethane       100000         98-95-3Nitrobenzene       100000         78-59-1Isophorone       100000         88-75-52-Nitrophenol       100000         105-67-92,4-Dimethylphenol       100000         120-83-22,4-Dichlorophenol       100000         91-20-3Naphthalene       4700000         111-91-1	
98-95-3Nitrobenzene       100000         78-59-1Isophorone       100000         88-75-52-Nitrophenol       100000         105-67-92,4-Dimethylphenol       100000         120-83-22,4-Dichlorophenol       100000         120-82-11,2,4-Trichlorobenzene       100000         91-20-3Naphthalene       4700000         111-91-1bis(2-Chloroethoxy)methane       100000         87-68-3Hexachlorobutadiene       100000         91-57-62-Methylnaphthalene       2600000         77-47-4	U
78-59-1	U
88-75-52-Nitrophenol       100000         105-67-92,4-Dimethylphenol       100000         120-83-22,4-Dichlorophenol       100000         120-82-11,2,4-Trichlorobenzene       100000         91-20-3Naphthalene       4700000         106-47-84-Chloroaniline       100000         111-91-1bis (2-Chloroethoxy) methane       100000         87-68-3	U
105-67-92,4-Dimethylphenol       100000         120-83-22,4-Dichlorophenol       100000         120-82-11,2,4-Trichlorobenzene       100000         91-20-3Naphthalene       4700000         106-47-84-Chloroaniline       100000         111-91-1bis (2-Chloroethoxy) methane       100000         87-68-34-Chloro-3-Methylphenol       100000         91-57-62-Methylnaphthalene       26000000         77-47-4Hexachlorocyclopentadiene       100000         88-06-22,4,6-Trichlorophenol       200000         95-95-42,4,5-Trichlorophenol       200000         91-58-72-Chloronaphthalene       100000	U
120-83-22,4-Dichlorophenol       100000         120-82-11,2,4-Trichlorobenzene       100000         91-20-3Naphthalene       47000000         106-47-84-Chloroaniline       100000         111-91-1bis (2-Chloroethoxy) methane       100000         87-68-3Hexachlorobutadiene       100000         91-57-6	
120-82-11,2,4-Trichlorobenzene       100000         91-20-3Naphthalene       47000000         106-47-84-Chloroaniline       100000         111-91-1bis (2-Chloroethoxy) methane       100000         87-68-3Hexachlorobutadiene       100000         91-57-6	
91-20-3Naphthalene       4700000         106-47-84-Chloroaniline       100000         111-91-1bis (2-Chloroethoxy) methane       100000         87-68-3	
106-47-84-Chloroaniline       100000         111-91-1bis (2-Chloroethoxy) methane       100000         87-68-3Hexachlorobutadiene       100000         59-50-74-Chloro-3-Methylphenol       100000         91-57-62-Methylnaphthalene       26000000         77-47-4Hexachlorocyclopentadiene       100000         88-06-22,4,6-Trichlorophenol       200000         95-95-42,4,5-Trichlorophenol       200000         91-58-72-Chloronaphthalene       100000	
111-91-1bis (2-Chloroethoxy) methane       100000         87-68-3	
87-68-3Hexachlorobutadiene       100000         59-50-74-Chloro-3-Methylphenol       100000         91-57-62-Methylnaphthalene       26000000         77-47-4Hexachlorocyclopentadiene       100000         88-06-22,4,6-Trichlorophenol       100000         95-95-42,4,5-Trichlorophenol       200000         91-58-72-Chloropaphthalene       100000	
59-50-74-Chloro-3-Methylphenol       100000         91-57-62-Methylnaphthalene       26000000         77-47-4Hexachlorocyclopentadiene       100000         88-06-22,4,6-Trichlorophenol       100000         95-95-42,4,5-Trichlorophenol       200000         91-58-72-Chloropaphthalene       100000	
91-57-62-Methylnaphthalene 2800000 77-47-4Hexachlorocyclopentadiene 100000 88-06-22,4,6-Trichlorophenol 200000 95-95-42,4,5-Trichlorophenol 100000	
77-47-4Hexachlorocyclopentadiene 1000000	
88-06-22,4,6-Trichlorophenol 100000 95-95-42,4,5-Trichlorophenol 200000 91-58-72-Chloropaphthalene 100000	
95-95-42,4,5-Trichlorophenol 200000 91-58-72-Chloropaphthalene 100000	
o1_58_72-Chloronaphthalene [ 100000]	3
88-74-42-Nitroaniline 200000	
121_11_3Dimethylphthalate	
208-96-8Acenaphthylene9100000	1
606-20-22,6-Dinitrotoluene	
100-09-23-Nitroaniline	li i
83-32-9Acenaphthene2100000	E
	\

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

09DDNAPL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397

Matrix: (soil/water) SOIL Lab Sample ID: Al397-02B

Sample wt/vol: 1.0 (g/mL) G Lab File ID: S2D0305

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: 0 decanted: (Y/N) N Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/13/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5----2,4-Dinitrophenol 200000 U 100-02-7----4-Nitrophenol 200000 U 710000 132-64-9-----Dibenzofuran 121-14-2----2, 4-Dinitrotoluene 100000 T 100000 U 84-66-2----Diethylphthalate 7005-72-3----4-Chlorophenyl-phenylether 100000 U 86-73-7-----Fluorene 7600000 E 100-01-6----4-Nitroaniline 200000 U 534-52-1----4,6-Dinitro-2-methylphenol 200000 U 86-30-6----N-Nitrosodiphenylamine (1) 100000 U 100000 U 101-55-3----4-Bromophenyl-phenylether 118-74-1-----Hexachlorobenzene 100000 U 200000 U 87-86-5----Pentachlorophenol 19000000 E 85-01-8-----Phenanthrene 5900000 E 120-12-7-----Anthracene 86-74-8-----Carbazole 170000 100000 | 0 84-74-2-----Di-n-butylphthalate 206-44-0----Fluoranthene 5200000 E 129-00-0-----Pyrene 12000000 E 85-68-7-----Butylbenzylphthalate 100000 U 91-94-1----3,3'-Dichlorobenzidine 100000 U 56-55-3-----Benzo(a)anthracene 3100000 E 2700000 E 218-01-9-----Chrysene 117-81-7-----bis(2-Ethylhexyl)phthalate 100000 0 117-84-0-----Di-n-octylphthalate 100000 U 205-99-2----Benzo (b) fluoranthene 1800000 E 207-08-9-----Benzo(k) fluoranthene 1100000 50-32-8-----Benzo (a) pyrene 2400000 E 193-39-5----Indeno(1,2,3-cd)pyrene 540000 53-70-3-----Dibenzo(a,h)anthracene 170000 600000 191-24-2----Benzo(q,h,i)perylene (1) - Cannot be separated from Diphenylamine

#### 1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397

Matrix: (soil/water) SOIL Lab Sample ID: A1397-02B

Sample wt/vol: 1.0 (g/mL) G Lab File ID: S2D0305

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: \_\_\_\_\_ decanted: (Y/N)\_\_\_ Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/13/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: \_\_\_

CONCENTRATION UNITS:
Number TICs found: 16 (ug/L or ug/Kg) ug/Kg

				<del></del>
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	1
1. 100-80-1 2. 767-59-9 3. 65051-83-4 4. 90-12-0 5. 92-52-4 6. 581-42-0 7. 581-40-8 8. 575-43-9 9. 827-54-3 10. 575-43-9 11. 132-65-0 12. 613-12-7 13. 832-64-4 14. 15. 613-12-7 16. 35465-71-5 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	BENZENE, 1-ETHENYL-3-METHYL- 1H-INDENE, 1-METHYL- BENZENE, (1-METHYL-2-CYCLOPR NAPHTHALENE, 1-METHYL- BIPHENYL NAPHTHALENE, 2,6-DIMETHYL- NAPHTHALENE, 2,3-DIMETHYL- NAPHTHALENE, 1,6-DIMETHYL- NAPHTHALENE, 1,6-DIMETHYL- NAPHTHALENE, 2-ETHENYL- NAPHTHALENE, 1,6-DIMETHYL- DIBENZOTHIOPHENE ANITHRACENE, 2-METHYL- PHENANTHRENE, 4-METHYL- UNKNOWN ANTHRACENE, 2-METHYL- 2-PHENYLNAPHTHALENE	======= 6.95 9.17	470000 420000 3600000 17000000 4200000 7600000 9700000 4500000 3200000 4500000 680000 610000 880000 530000	==== NJ NJ NJ NJ NJ NJ NJ NJ NJ NJ
29. 30.				

## SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

09DDNAPLDL

Lab Name: MITKEM CORPORATION Contract:

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

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-02BDL

Sample wt/vol: 1.0 (g/mL) G

Lab File ID: S2D0252

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: 0 decanted: (Y/N) N

Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 11/14/02

Injection Volume: 1.0(uL)

Dilution Factor: 75.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q

108-95-2Phenol	7500000	U
111-44-4bis(2-Chloroethyl)Ether	7500000	1 -
95-57-82-Chlorophenol	7500000	ט
541-73-11,3-Dichlorobenzene	7500000	U
106-46-71,4-Dichlorobenzene	7500000	U
95-50-11,2-Dichlorobenzene	7500000	U
95-48-72-Methylphenol	7500000	U
108-60-12,2'-oxybis(1-Chloropropane)	7500000	U
106-44-54-Methylphenol	7500000	U
621-64-7N-Nitroso-di-n-propylamine	7500000	U
67-72-1Hexachloroethane	7500000	U
98-95-3Nitrobenzene	7500000	ΰ
78-59-1Isophorone	7500000	U
88-75-52-Nitrophenol	7500000	U
105-67-92,4-Dimethylphenol		ט
120-83-22,4-Dichlorophenol		U
120-82-11,2,4-Trichlorobenzene	7500000	U
91-20-3Naphthalene	79000000	D
106-47-84-Chloroaniline		ַ ט
111-91-1bis(2-Chloroethoxy)methane	7500000	ט
87-68-3Hexachlorobutadiene	7500000	U [
59-50-74-Chloro-3-Methylphenol	7500000	U
91-57-62-Methylnaphthalene	34000000	D
77-47-4Hexachlorocyclopentadiene		U
88-06-22,4,6-Trichlorophenol		U
95-95-42,4,5-Trichlorophenol	15000000	U
91-58-72-Chloronaphthalene		ן ט
88-75-42-Nitroaniline		ט
131-11-3Dimethylphthalate		U
208-96-8Acenaphthylene		D
606-20-22,6-Dinitrotoluene	.50000	ן ט
99-09-23-Nitroaniline		U
83-32-9Acenaphthene	2700000 [1	<b>DJ</b> [

FORM I SV-1

OLM03.0

Q

09DDNAPLDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397

Matrix: (soil/water) SOIL Lab Sample ID: A1397-02BDL

Sample wt/vol: 1.0 (g/mL) G Lab File ID: S2D0252

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: 0 decanted: (Y/N) N Date Extracted:11/07/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/14/02

Injection Volume: 1.0(uL) Dilution Factor: 75.0

GPC Cleanup: (Y/N) N pH:

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

51-28-52,4-Dinitrophenol	15000000	l <sub>tt</sub>
L00-02-74-Nitrophenol	15000000	
132-64-9Dibenzofuran	1100000	ı
L21-14-22,4-Dinitrotoluene	7500000	1
34-66-2Diethylphthalate	7500000	, -
7005-72-34-Chlorophenyl-phenylether	7500000	
36-73-7Fluorene	9800000	
L00-01-64-Nitroaniline	15000000	U
34-52-14,6-Dinitro-2-methylphenol	15000000	U
36-30-6N-Nitrosodiphenylamine (1)	7500000	ט
.01-55-34-Bromophenyl-phenylether	7500000	ប
.18-75-1Hexachlorobenzene	7500000	U
7-86-5Pentachlorophenol	15000000	ប
5-01-8Phenanthrene	29000000	D
.20-12-7Anthracene	7500000	D
6-75-8Carbazole	7500000	U
4-75-2Di-n-butylphthalate	_  7500000 <i> </i>	U
06-44-0Fluoranthene	_	DJ
.29-00-0Pyrene	16000000	D
5-68-7Butylbenzylphthalate	_	U
1-94-13,3'-Dichlorobenzidine	7500000	
6-55-3Benzo (a) anthracene	4200000	-
18-01-9Chrysene	_  3700000	
17-81-7bis(2-Ethylhexyl)phthalate_	7500000	
17-84-0Di-n-octylphthalate	7500000	
05-99-2Benzo(b)fluoranthene	2700000	-
07-08-9Benzo(k)fluoranthene	1900000	DJ
0-32-8Benzo (a) pyrene	3400000	
93-39-5Indeno (1, 2, 3-cd) pyrene	840000	DJ
3-70-3Dibenzo(a,h)anthracene	_1	U
.91-24-2Benzo(g,h,i)perylene	7500000	U

(1) - Cannot be separated from Diphenylamine

#### 1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

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

SDG No.: A1397

Matrix: (soil/water) SOIL

Lab Sample ID: A1397-02BDL

Sample wt/vol:

Lab File ID:

S2D0252

Level: (low/med) LOW

1.0 (g/mL) G

Date Received: 09/25/02

% Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_

Date Extracted: 11/07/02

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 11/14/02

Injection Volume: 1.0(uL)

Dilution Factor: 75.0

GPC Cleanup: (Y/N) N

pH: \_\_\_\_

Number TICs found: 16

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

OLM03.0

09DDNAPL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM SAS No.: SDG No.: A1397 Case No.:

Matrix: (soil/water) WATER Lab Sample ID: A1397-02B

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D1405

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: decanted: (Y/N) Date Extracted:10/03/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/11/02

Dilution Factor: 1.0 Injection Volume: 1.0(uL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L O

106-46-71,4-Dichlorobenzene	330	U
95-48-72-Methylphenol	330	שׁ
106-44-54-Methylphenol	330	[ט
67-72-1Hexachloroethane	330	U
98-95-3Nitrobenzene	330	ט
87-68-3Hexachlorobutadiene	330	U
88-06-22,4,6-Trichlorophenol	330	U
95-95-42,4,5-Trichlorophenol	670	U
121-14-22,4-Dinitrotoluene	330	U
118-74-1Hexachlorobenzene	330	U
87-86-5Pentachlorophenol	670	U
110-86-1Pyridine	330	ប
	[	

09DDNAPLRE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM

Case No.:

SAS No.: SDG No.: A1397

Matrix: (soil/water) WATER Lab Sample ID: A1397-02ARE

Sample wt/vol: 300.0 (g/mL) ML Lab File ID: S1D1448

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: \_\_\_\_ decanted: (Y/N) \_\_\_ Date Extracted:10/03/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/14/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

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

	<del>                                     </del>	<u> </u>
106-46-71,4-Dichlorobenzene	330	υ
95-48-72-Methylphenol	330	U
106-44-54-Methylphenol	330	U
67-72-1Hexachloroethane	330	ט
98-95-3Nitrobenzene	330	ט
87-68-3Hexachlorobutadiene	330	U
88-06-22,4,6-Trichlorophenol	330	ט
95-95-42,4,5-Trichlorophenol	670	U
121-14-22,4-Dinitrotoluene	330	U
118-74-1Hexachlorobenzene	330	U
87-86-5Pentachlorophenol	670	U
110-86-1Pyridine	330	υ

## FORM 1 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

09DDNAPL Lab Name: MITKEM CORPORATION Contract: Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1397 Matrix: (soil/water) WATER Lab Sample ID: A1397-02B Sample wt/vol: 300.0 (g/mL) ML Lab File ID: E2D2806F % Moisture: \_\_\_\_ decanted: (Y/N)\_\_\_ Date Received: 09/25/02 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/03/02 Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/05/02 1.0(uL)Injection Volume: Dilution Factor: 1.0 GPC Cleanup: (Y/N) N pH: \_\_\_\_ Sulfur Cleanup: (Y/N) Y CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 58-89-9-----gamma-BHC (Lindane) 0.17 U 76-44-8------Heptachlor 0.17 U 1024-57-3-----Heptachlor epoxide 0.17 U 72-20-8-----Endrin 0.33 U 1.7 ប 72-43-5-----Methoxychlor 8001-35-2----Toxaphene 17 ט 12789-03-6-----Chlordane (technical) 8.3 U

#### FORM 1 PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

09DDNAPL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1397

Matrix: (soil/water) OIL

Lab Sample ID: A1397-02BRE

Sample wt/vol:

1.0 (g/mL) G

Lab File ID:

E4B6652F

% Moisture: 0

decanted: (Y/N) N

Date Received: 09/25/02

Extraction:

(SepF/Cont/Sonc) DILUTION

Date Extracted: 11/07/02

Concentrated Extract Volume:

10000 (uL)

Date Analyzed: 11/11/02

Injection Volume:

1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup:

(Y/N) N

pH:

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

11104-28-2Aroclor-1221 1114-16-5Aroclor-1232 53469-21-9Aroclor-1242 12672-29-6Aroclor-1248 11097-69-1Aroclor-1254 11096-82-5Aroclor-1260
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## FORM 1 HERB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

09DDNAPL Lab Name: MITKEM CORPORATION Contract: SDG No.: A1397 Lab Code: MITKEM Case No.: SAS No.: Matrix: (soil/water) WATER Lab Sample ID: A1397-02B Lab File ID: Sample wt/vol: 300.0 (g/mL) ML E3D7909F % Moisture: \_\_\_\_\_ decanted: (Y/N) Date Received: 09/25/02 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 10/03/02 Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/05/02 Dilution Factor: 1.0 Injection Volume: 1.0(uL) Sulfur Cleanup: (Y/N) N GPC Cleanup: (Y/N) N pH: \_\_\_ CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 94-75-7----2,4-D 3.3 U 93-72-1-----2,4,5-TP (Silvex) 0.33 U

## **Mitkem Corporation**

CLIENT:

GEI Consultants, Inc.

Client Sample ID: 09DDNAPL

Lab ID:

A1397-02

Date: 10-Oct-02

Project: Keyspan

Collection Date: 09/24/02 16:55

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
FLASHPOINT BY PENSKY-MA	ARTENS CLOSED-C	SW101	0_S			
Ignitability	No flash up to 195		200	°F	1	10/01/02 0:00
REACTIVE CYANIDE RELEAS	SED FROM WASTES	SW7.3.	3.2 S			
Reactive Cyanide	ND		0.99	mg/Kg	1	09/30/02 14:00
REACTIVE SULFIDE RELEAS	ED FROM WASTES	SW7.3.	4.2 S			
Reactive Sulfide	1.1		0.99	mg/Kg	1	09/27/02 11:00
SOIL AND WASTE PH		SW904	5C_S			
pH	6.5		1.0	pH Units	1	09/27/02 0:00

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Limit - Reporting Limit

### SAYBOLT INC.



TEST

**LABORATORY NO.: 1849** 

CUSTOMER

REF. NO(S):

VISCOSITY, KIN CST @ 100 F

VISCOSITY, SSU SEC AT 100 F

WATER BY KARL FISHER, PPM

SPECIFIC GRAVITY AT 60 DEG F

LABORATORY ANALYSIS REPORT

RESULT

22.75

13.2

\*1.26

\*1.10

**DATE:** 10/03/02

METHOD

D-445

D-445

D-1744

D-4052

**ANALYSIS** 

MEMBERS ASTM-API-SAE

Job # 13036 0201575

#### **NEW HAVEN INSP. OFFICE**

#### DESCRIPTION

Sample designated as: DNAPL

- Identifying Marks: SAMPLE ID A 1397-02C FROM MITKEM CORP., WARWICK, RI.
- Submitted by: MITKEM CORP
- Client:
  MITKEM CORP.

SAMPLES SHALL BE RETAINED BY SAYBOLT INC. FOR FORTY FIVE (45) DAYS UNLESS OTHERWISE REQUESTED IN WRITING.

#### **NOTES**

- This laboratory report may not be published or used except in full. It shall not be used in connection with any form of advertising unless written consent is received from an officer of Saybolt Inc.
- Results were based on analysis made at the time samples were received at the laboratory.
- Sample nomenclature is designated by the customer.

\*ANALYSIS BY THIRD PARTY LAB

SAYBOLT INC.

This report is issued solely for the use of our customers and supplies only information they specifically requested. There may be other relevant information which has not been reported. Saybolt Inc. will not be responsible to