

Groundwater QA/QC Samples

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB071802

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1106

Matrix: (soil/water) WATER

Lab Sample ID: A1106-03A

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

Lab File ID: V4B2495

Level: (low/med) LOW

Date Received: 07/19/02

% Moisture: not dec. _____

Date Analyzed: 07/23/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	1	U
108-88-3-----	Toluene	1	U
100-41-4-----	Ethylbenzene	1	U
1330-20-7-----	Xylene (Total)	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB071702

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1103

Matrix: (soil/water) WATER

Lab Sample ID: A1103-03A

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

Lab File ID: V4B2484

Level: (low/med) LOW

Date Received: 07/18/02

% Moisture: not dec. _____

Date Analyzed: 07/23/02

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

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: A1111-06A

Sample wt/vol: 5.000 (g/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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB072202

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1118

Matrix: (soil/water) WATER

Lab Sample ID: A1118-04A

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

Lab File ID: V4B2506

Level: (low/med) LOW

Date Received: 07/23/02

% Moisture: not dec. _____

Date Analyzed: 07/24/02

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

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: 5.000 (g/mL) ML

Lab File ID: V4B2523

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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB072402

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1128

Matrix: (soil/water) WATER

Lab Sample ID: A1128-04A

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

Lab File ID: V4B2534

Level: (low/med) LOW

Date Received: 07/25/02

% Moisture: not dec. _____

Date Analyzed: 07/25/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	1	U
108-88-3-----	Toluene	1	U
100-41-4-----	Ethylbenzene	1	U
1330-20-7-----	Xylene (Total)	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB072502

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

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

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-06A

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

Lab File ID: V3A6482

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

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

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-16A

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

Lab File ID: V3A6518

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

GC Column: RTX-502.2 ID: 0.53 (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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17DMS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-12AMS

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

Lab File ID: V3A6600

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

GC Column: RTX-502.2 ID: 0.53 (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

71-43-2-----Benzene	11	
108-88-3-----Toluene	11	
100-41-4-----Ethylbenzene	10	
1330-20-7-----Xylene (Total)	31	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17DMS

Lab Name: MITKEM CORPORATION Contract:
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379
 Matrix: (soil/water) WATER Lab Sample ID: A1379-12CMS
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: SID1097
 Level: (low/med) LOW Date Received: 09/20/02
 % Moisture: _____ decanted: (Y/N)____ Date Extracted: 09/23/02
 Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/26/02
 Injection Volume: 1.0(uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	41	
91-57-6	2-Methylnaphthalene	45	
208-96-8	Acenaphthylene	42	
83-32-9	Acenaphthene	43	
132-64-9	Dibenzofuran	46	
86-73-7	Fluorene	44	
85-01-8	Phenanthrene	43	
120-12-7	Anthracene	44	
206-44-0	Fluoranthene	48	
129-00-0	Pyrene	40	
56-55-3	Benzo(a)anthracene	47	
218-01-9	Chrysene	43	
205-99-2	Benzo(b)fluoranthene	45	
207-08-9	Benzo(k)fluoranthene	42	
50-32-8	Benzo(a)pyrene	44	
193-39-5	Indeno(1,2,3-cd)pyrene	47	
53-70-3	Dibenzo(a,h)anthracene	48	
191-24-2	Benzo(g,h,i)perylene	46	

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

RPMW-17DS

Lab Name: MITKEM_CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1379

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

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

UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
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
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide	75-125	88.9955		5.2020	B	100.00	83.8		CA

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17DMSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-12AMSD

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

Lab File ID: V3A6601

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

GC Column: RTX-502.2 ID: 0.53 (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

71-43-2-----Benzene	11	
108-88-3-----Toluene	10	
100-41-4-----Ethylbenzene	10	
1330-20-7-----Xylene (Total)	30	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17DMSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-12CMSD

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

Lab File ID: S1D1113

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/26/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	40	
91-57-6-----	2-Methylnaphthalene	45	
208-96-8-----	Acenaphthylene	43	
83-32-9-----	Acenaphthene	44	
132-64-9-----	Dibenzofuran	46	
86-73-7-----	Fluorene	44	
85-01-8-----	Phenanthrene	44	
120-12-7-----	Anthracene	44	
206-44-0-----	Fluoranthene	47	
129-00-0-----	Pyrene	40	
56-55-3-----	Benzo (a) anthracene	47	
218-01-9-----	Chrysene	43	
205-99-2-----	Benzo (b) fluoranthene	44	
207-08-9-----	Benzo (k) fluoranthene	41	
50-32-8-----	Benzo (a) pyrene	44	
193-39-5-----	Indeno (1, 2, 3 -cd) pyrene	46	
53-70-3-----	Dibenzo (a, h) anthracene	47	
191-24-2-----	Benzo (g, h, i) perylene	45	

6
DUPLICATES

EPA SAMPLE NO.

RPMW-17DD

Lab Name: MITKEM_CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1379

Matrix (soil/water): WATER

Level (low/med): MED

% Solids for Sample: 0.0

% Solids for Duplicate: 0.0

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

UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
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
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Cyanide		5.2020	B	5.3910	B	3.6		CA

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

RPMW-06IS

Lab Name: MITKEM_CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379

Matrix (soil/water): WATER Level (low/med): MED.

% Solids for Sample: 0.0

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

UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron	75-125	3455.9225		35.0000	U	4550.00	76.0		P
Lead									NR
Magnesium									NR
Manganese	75-125	1798.7335		20.4020	B	2270.00	78.3		P
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

6
DUPLICATES

EPA SAMPLE NO.

RPMW-06ID

Lab Name: MITKEM_CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1379

Matrix (soil/water): WATER

Level (low/med): MED

% Solids for Sample: 0.0

% Solids for Duplicate: 0.0

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

UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic								NR
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron		35.0000	U	35.0000	U			P
Lead								NR
Magnesium								NR
Manganese		20.4020	B	19.6580	B	3.7		P
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Cyanide								NR

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB091902

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-15A

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

Lab File ID: V3A6606

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

GC Column: RTX-502.2 ID: 0.53 (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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB091902

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379
Matrix: (soil/water) WATER Lab Sample ID: A1379-15C
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1090
Level: (low/med) LOW Date Received: 09/20/02
% Moisture: decanted: (Y/N) Date Extracted: 09/23/02
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/25/02
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3-----	Naphthalene	10 U	
91-57-6-----	2-Methylnaphthalene	10 U	
208-96-8-----	Acenaphthylene	10 U	
83-32-9-----	Acenaphthene	10 U	
132-64-9-----	Dibenzofuran	10 U	
86-73-7-----	Fluorene	10 U	
85-01-8-----	Phenanthrene	10 U	
120-12-7-----	Anthracene	10 U	
206-44-0-----	Fluoranthene	10 U	
129-00-0-----	Pyrene	10 U	
56-55-3-----	Benzo (a) anthracene	10 U	
218-01-9-----	Chrysene	10 U	
205-99-2-----	Benzo (b) fluoranthene	10 U	
207-08-9-----	Benzo (k) fluoranthene	10 U	
50-32-8-----	Benzo (a) pyrene	10 U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	10 U	
53-70-3-----	Dibenzo (a,h) anthracene	10 U	
191-24-2-----	Benzo (g,h,i) perylene	10 U	

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB091902

Lab Name: MITKEM_CORPORATION Contract: _____

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

SDG No.: A1379...

Matrix (soil/water): WATER Lab Sample ID: A1379-15D_____

Level (low/med): MED_____ Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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
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	5.8	B		CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15IMS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-07AMS

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

Lab File ID: V3A6645

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	11	
108-88-3-----	Toluene	31	
100-41-4-----	Ethylbenzene	11	
1330-20-7-----	Xylene (Total)	40	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15IMS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-07EMS

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

Lab File ID: S2C9505

Level: (low/med) LOW

Date Received: 09/21/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 09/27/02

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

Q

91-20-3-----	Naphthalene	36	
91-57-6-----	2-Methylnaphthalene	37	
208-96-8-----	Acenaphthylene	41	
83-32-9-----	Acenaphthene	41	
132-64-9-----	Dibenzofuran	42	
86-73-7-----	Fluorene	41	
85-01-8-----	Phenanthrene	42	
120-12-7-----	Anthracene	41	
206-44-0-----	Fluoranthene	39	
129-00-0-----	Pyrene	46	
56-55-3-----	Benzo (a) anthracene	43	
218-01-9-----	Chrysene	44	
205-99-2-----	Benzo (b) fluoranthene	43	
207-08-9-----	Benzo (k) fluoranthene	42	
50-32-8-----	Benzo (a) pyrene	41	
193-39-5-----	Indeno (1,2,3-cd) pyrene	34	
53-70-3-----	Dibenzo (a,h) anthracene	33	
191-24-2-----	Benzo (g,h,i) perylene	34	

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

RPMW-151S

Lab Name: MITKEM_CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix (soil/water): WATER

Level (low/med): MED

% Solids for Sample: 0.0

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

UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron	75-125	5203.1130		1102.8325		4550.00	90.1		P
Lead									NR
Magnesium									NR
Manganese	75-125	2166.8830		136.0330		2270.00	89.5		P
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide	75-125	107.1590		7.2690	B	100.00	99.9		CA

Comments:

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

RPMW-151S

Lab Name: MITKEM_CORPORATION.

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix (soil/water): WATER

Level (low/med): MED

% Solids for Sample: 0.0

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

UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron	75-125	3558.1045		35.0000	U	4550.00	78.2		P <i>NR added</i>
Lead									NR
Magnesium									NR
Manganese	75-125	1964.7685		138.8795		2270.00	80.4		P
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

RPMW-151A

Lab Name: MITKEM_CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix (soil/water): WATER

Level (low/med): MED

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron		3725.72		35.00	U	4550.0	81.9		P
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15IMSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-07AMSD

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

Lab File ID: V3A6646

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

71-43-2-----Benzene	11	
108-88-3-----Toluene	26	
100-41-4-----Ethylbenzene	10	
1330-20-7-----Xylene (Total)	36	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15IMSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-07EMSD

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

Lab File ID: S2C9506

Level: (low/med) LOW

Date Received: 09/21/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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

Q

91-20-3-----	Naphthalene	33	
91-57-6-----	2-Methylnaphthalene	36	
208-96-8-----	Acenaphthylene	40	
83-32-9-----	Acenaphthene	40	
132-64-9-----	Dibenzofuran	41	
86-73-7-----	Fluorene	41	
85-01-8-----	Phenanthrene	42	
120-12-7-----	Anthracene	42	
206-44-0-----	Fluoranthene	40	
129-00-0-----	Pyrene	48	
56-55-3-----	Benzo (a) anthracene	44	
218-01-9-----	Chrysene	45	
205-99-2-----	Benzo (b) fluoranthene	44	
207-08-9-----	Benzo (k) fluoranthene	42	
50-32-8-----	Benzo (a) pyrene	41	
193-39-5-----	Indeno (1,2,3-cd) pyrene	34	
53-70-3-----	Dibenzo (a,h) anthracene	33	
191-24-2-----	Benzo (g,h,i) perylene	34	

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

RPMW-151D

Lab Name: MITKEM_CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383...

Matrix (soil/water): WATER

Level (low/med):

MED

% Solids for Sample: 0.0

% Solids for Duplicate:

0.0

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

UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic								NR
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron		1102.8325		1185.5060		7.2		P
Lead								NR
Magnesium								NR
Manganese	50.0	136.0330		148.0740		8.5		P
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Cyanide		7.2690	B	6.6590	B	8.8		CA

6
DUPLICATES

EPA SAMPLE NO.

RPMW-15ID

Lab Name: MITKEM_CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix (soil/water): WATER

Level (low/med):

MED

% Solids for Sample: 0.0

% Solids for Duplicate:

0.0

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

UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic								NR
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron		35.0000	U	35.0000	U			P
Lead								NR
Magnesium								NR
Manganese	50.0	138.8795		136.3175		1.9		P
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Cyanide								NR

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB092002

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-10B

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

Lab File ID: S2C9657

Level: (low/med) LOW

Date Received: 09/21/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/03/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB092002

Lab Name: MITKEM CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER _____ Lab Sample ID: A1383-10A__

Level (low/med): MED _____ Date Received: 09/21/02__

% Solids: _____

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

UG/L

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
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	5.0	U		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-11A

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

Lab File ID: V3A6630

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB092302

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-10A

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

Lab File ID: V3A6658

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/02/02

GC Column: RTX-502.2 ID: 0.53 (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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10SMS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-03AMS

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

Lab File ID: V3A6743

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/04/02

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

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	68000	
108-88-3-----Toluene	48000	
100-41-4-----Ethylbenzene	15000	
1330-20-7-----Xylene (Total)	38000	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10SMS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-03HMS

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

Lab File ID: S1D1195

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	740	E
91-57-6-----	2-Methylnaphthalene	86	
208-96-8-----	Acenaphthylene	41	
83-32-9-----	Acenaphthene	48	
132-64-9-----	Dibenzofuran	44	
86-73-7-----	Fluorene	47	
85-01-8-----	Phenanthrene	54	
120-12-7-----	Anthracene	40	
206-44-0-----	Fluoranthene	42	
129-00-0-----	Pyrene	36	
56-55-3-----	Benzo (a) anthracene	37	
218-01-9-----	Chrysene	33	
205-99-2-----	Benzo (b) fluoranthene	35	
207-08-9-----	Benzo (k) fluoranthene	35	
50-32-8-----	Benzo (a) pyrene	34	
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	28	
53-70-3-----	Dibenzo (a, h) anthracene	31	
191-24-2-----	Benzo (g, h, i) perylene	28	

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

RPMW-10SS

Lab Name: MITKEM_CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

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

UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron	75-125	6286.5325		2597.1780		4550.00	81.1		P
Lead									NR
Magnesium									NR
Manganese	75-125	1987.9025		170.7585		2270.00	80.1		P
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

Comments:

000434

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10SMSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-03AMSD

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

Lab File ID: V3A6744

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/04/02

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

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	65000	
108-88-3-----Toluene	45000	
100-41-4-----Ethylbenzene	14000	
1330-20-7-----Xylene (Total)	36000	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

RPMW-10SMSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-03HMSD

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

Lab File ID: S1D1196

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	760	E
91-57-6-----	2-Methylnaphthalene	100	
208-96-8-----	Acenaphthylene	46	
83-32-9-----	Acenaphthene	57	
132-64-9-----	Dibenzofuran	50	
86-73-7-----	Fluorene	51	
85-01-8-----	Phenanthrene	63	
120-12-7-----	Anthracene	46	
206-44-0-----	Fluoranthene	51	
129-00-0-----	Pyrene	46	
56-55-3-----	Benzo (a) anthracene	49	
218-01-9-----	Chrysene	44	
205-99-2-----	Benzo (b) fluoranthene	51	
207-08-9-----	Benzo (k) fluoranthene	46	
50-32-8-----	Benzo (a) pyrene	46	
193-39-5-----	Indeno (1,2,3-cd) pyrene	35	
53-70-3-----	Dibenzo (a,h) anthracene	37	
191-24-2-----	Benzo (g,h,i) perylene	35	

FORM I SV-1

000394

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6
DUPLICATES

EPA SAMPLE NO.

RPMW-10SD

Lab Name: MITKEM_CORPORATION_____

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1398_____

Matrix (soil/water): WATER_____

Level (low/med): MED_____

% Solids for Sample: 0.0_____

% Solids for Duplicate: 0.0_____

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

UG/L_____

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic								NR
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron		2597.1780		2392.5780		8.2		P
Lead								NR
Magnesium								NR
Manganese	50.0	170.7585		157.7085		7.9		P
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Cyanide								NR

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB092402

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-12A

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

Lab File ID: V3A6691

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPF092402

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-12H

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

Lab File ID: S1D1169

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	1	J
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

U.S. EPA - CLP

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB092402

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER Lab Sample ID: A1398-12E__

Level (low/med): MED Date Received: 09/25/02__

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	2.0	U	E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL METALS FOR SAMPLE RPFB092402 _____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPFB092402

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER_ Lab Sample ID: A1398-12F_____

Level (low/med): MED___ Date Received: 09/25/02___

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	2.1	B	E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPFB09402_____

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.
Client Sample ID: RPFB092402
Lab ID: A1398-12

Project: Keyspan
Collection Date: 09/24/02 16:45
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.050	mg/L	1	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	ND		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron - Dissolved	ND		50	mg/L	5	09/25/02 11:10
Ferric Iron	ND		50	mg/L	5	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron - Dissolved	ND		50	mg/L	5	09/25/02 11:10
Ferrous Iron	ND		50	mg/L	5	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	ND		7.0	mg/L	1	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L	1	09/30/02 14:00

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

000476

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB092402

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-13A

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

Lab File ID: V3A6659

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/02/02

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

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPTB092502

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)

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
---------	----------	--	---

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

Groundwater Validated Form I Analytical Data

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-A

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-07A

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

Lab File ID: V3A6594

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	6000	E
108-88-3-----Toluene	20	U
100-41-4-----Ethylbenzene	1600	
1330-20-7-----Xylene (Total)	630	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-ADL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-07ADL

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

Lab File ID: V3A6636

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 100.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----	Benzene	4700	D
108-88-3-----	Toluene	100	U
100-41-4-----	Ethylbenzene	1200	D
1330-20-7-----	Xylene (Total)	520	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-A

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-07H

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

Lab File ID: S1D1131

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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	Q
---------	----------	--	---

91-20-3-----	Naphthalene	3000	
91-57-6-----	2-Methylnaphthalene	160	J
208-96-8-----	Acenaphthylene	200	U
83-32-9-----	Acenaphthene	220	
132-64-9-----	Dibenzofuran	200	U
86-73-7-----	Fluorene	56	J
85-01-8-----	Phenanthrene	60	J
120-12-7-----	Anthracene	200	U
206-44-0-----	Fluoranthene	200	U
129-00-0-----	Pyrene	200	U
56-55-3-----	Benzo(a)anthracene	200	U
218-01-9-----	Chrysene	200	U
205-99-2-----	Benzo(b)fluoranthene	200	U
207-08-9-----	Benzo(k)fluoranthene	200	U
50-32-8-----	Benzo(a)pyrene	200	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	200	U
53-70-3-----	Dibenzo(a,h)anthracene	200	U
191-24-2-----	Benzo(g,h,i)perylene	200	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-A

Lab Name: MITKEM_CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1379

Matrix (soil/water): WATER Lab Sample ID: A1379-07D

Level (low/med): MED Date Received: 09/20/02

% Solids: _____

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

UG/L

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	4530			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	291			P
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	104			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_MW-A _____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-A

Lab Name: MITKEM_CORPORATION Contract: _____

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

SDG No.: A1379__

Matrix (soil/water): WATER Lab Sample ID: A1379-07F_____

Level (low/med): MED Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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	1420			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	277			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_MW-A _____

Mitkem Corporation

Date: 27-Sep-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: MW-A

Collection Date: 09/19/02 14:29

Lab ID: A1379-07

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		1.0	mg/L	20	09/20/02 12:00
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	290		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron – Dissolved	ND		250	mg/L	25	09/20/02 11:40
Ferric Iron	ND		250	mg/L	25	09/20/02 11:40
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron – Dissolved	ND		250	mg/L	25	09/20/02 11:40
Ferrous Iron	ND		250	mg/L	25	09/20/02 11:40
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	ND		7.0	mg/L	1	09/23/02 13:41

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-01

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-11A

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

Lab File ID: V3A6507

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

Dilution Factor: 2.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	3300	E
108-88-3-----Toluene	2	U
100-41-4-----Ethylbenzene	1400	E
1330-20-7-----Xylene (Total)	48	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-01DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-11ADL

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

Lab File ID: V3A6513

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
71-43-2-----	Benzene	2500	D
108-88-3-----	Toluene	50	U
100-41-4-----	Ethylbenzene	980	D
1330-20-7-----	Xylene (Total)	57	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-01

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-11C

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

Lab File ID: S1D1151

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/28/02

Injection Volume: 1.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	1600	
91-57-6-----	2-Methylnaphthalene	53	J
208-96-8-----	Acenaphthylene	100	U
83-32-9-----	Acenaphthene	120	
132-64-9-----	Dibenzofuran	100	U
86-73-7-----	Fluorene	56	J
85-01-8-----	Phenanthrene	65	J
120-12-7-----	Anthracene	100	U
206-44-0-----	Fluoranthene	100	U
129-00-0-----	Pyrene	100	U
56-55-3-----	Benzo (a) anthracene	100	U
218-01-9-----	Chrysene	100	U
205-99-2-----	Benzo (b) fluoranthene	100	U
207-08-9-----	Benzo (k) fluoranthene	100	U
50-32-8-----	Benzo (a) pyrene	100	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	100	U
53-70-3-----	Dibenzo (a,h) anthracene	100	U
191-24-2-----	Benzo (g,h,i) perylene	100	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-01

Lab Name: MITKEM CORPORATION _____ Contract: _____

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

SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-11B__

Level (low/med): MED__ Date Received: 09/19/02__

% Solids: _____

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

UG/L

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
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	268			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-12A

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

Lab File ID: V3A6514

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

71-43-2-----	Benzene	2400	E
108-88-3-----	Toluene	350	
100-41-4-----	Ethylbenzene	780	
1330-20-7-----	Xylene (Total)	710	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-12ADL

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

Lab File ID: V3A6520

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

Dilution Factor: 40.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----	Benzene	3000	D
108-88-3-----	Toluene	380	D
100-41-4-----	Ethylbenzene	890	D
1330-20-7-----	Xylene (Total)	870	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-12C

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

Lab File ID: S1D1152

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/28/02

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	500	
91-57-6-----	2-Methylnaphthalene	38	J
208-96-8-----	Acenaphthylene	50	U
83-32-9-----	Acenaphthene	50	U
132-64-9-----	Dibenzofuran	50	U
86-73-7-----	Fluorene	50	U
85-01-8-----	Phenanthrene	50	U
120-12-7-----	Anthracene	50	U
206-44-0-----	Fluoranthene	50	U
129-00-0-----	Pyrene	50	U
56-55-3-----	Benzo (a) anthracene	50	U
218-01-9-----	Chrysene	50	U
205-99-2-----	Benzo (b) fluoranthene	50	U
207-08-9-----	Benzo (k) fluoranthene	50	U
50-32-8-----	Benzo (a) pyrene	50	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	50	U
53-70-3-----	Dibenzo (a,h) anthracene	50	U
191-24-2-----	Benzo (g,h,i) perylene	50	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-02

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER_ Lab Sample ID: A1369-12B_____

Level (low/med): MED___ Date Received: 09/19/02___

% Solids: _____

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

UG/L

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
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	105			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-13A

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

Lab File ID: V3A6515

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----	Benzene	29000	E
108-88-3-----	Toluene	20000	E
100-41-4-----	Ethylbenzene	4200	E
1330-20-7-----	Xylene (Total)	40000	E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-13ADL

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

Lab File ID: V3A6528

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/27/02

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

Dilution Factor: 500.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	35000	D
108-88-3-----Toluene	22000	D
100-41-4-----Ethylbenzene	3900	D
1330-20-7-----Xylene (Total)	41000	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369

Matrix: (soil/water) WATER Lab Sample ID: A1369-13A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1212

Level: (low/med) LOW Date Received: 09/19/02

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

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL) Dilution Factor: 40.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3-----	Naphthalene	5700	
91-57-6-----	2-Methylnaphthalene	220	J
208-96-8-----	Acenaphthylene	400	U
83-32-9-----	Acenaphthene	400	U
132-64-9-----	Dibenzofuran	400	U
86-73-7-----	Fluorene	400	U
85-01-8-----	Phenanthrene	400	U
120-12-7-----	Anthracene	400	U
206-44-0-----	Fluoranthene	400	U
129-00-0-----	Pyrene	400	U
56-55-3-----	Benzo (a) anthracene	400	U
218-01-9-----	Chrysene	400	U
205-99-2-----	Benzo (b) fluoranthene	400	U
207-08-9-----	Benzo (k) fluoranthene	400	U
50-32-8-----	Benzo (a) pyrene	400	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	400	U
53-70-3-----	Dibenzo (a,h) anthracene	400	U
191-24-2-----	Benzo (g,h,i) perylene	400	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-03

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-13B_____

Level (low/med): MED_____ Date Received: 09/19/02_____

% Solids: _____

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

UG/L

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
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	115			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-02

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-09A

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

Lab File ID: V3A6596

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

Dilution Factor: 200.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	12000	
108-88-3-----Toluene	200	U
100-41-4-----Ethylbenzene	4200	
1330-20-7-----Xylene (Total)	4400	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-02

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1379

Matrix: (soil/water) WATER Lab Sample ID: A1379-09C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1132

Level: (low/med) LOW Date Received: 09/20/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/27/02

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3-----	Naphthalene	7600	
91-57-6-----	2-Methylnaphthalene	1000	
208-96-8-----	Acenaphthylene	500	U
83-32-9-----	Acenaphthene	220	J
132-64-9-----	Dibenzofuran	500	U
86-73-7-----	Fluorene	51	J
85-01-8-----	Phenanthrene	500	U
120-12-7-----	Anthracene	500	U
206-44-0-----	Fluoranthene	500	U
129-00-0-----	Pyrene	500	U
56-55-3-----	Benzo (a) anthracene	500	U
218-01-9-----	Chrysene	500	U
205-99-2-----	Benzo (b) fluoranthene	500	U
207-08-9-----	Benzo (k) fluoranthene	500	U
50-32-8-----	Benzo (a) pyrene	500	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	500	U
53-70-3-----	Dibenzo (a,h) anthracene	500	U
191-24-2-----	Benzo (g,h,i) perylene	500	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-02

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1379__

Matrix (soil/water): WATER_ Lab Sample ID: A1379-09D_____

Level (low/med): MED__ Date Received: 09/20/02__

% Solids: _____

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

UG/L

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
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	142			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-03

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-01A

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

Lab File ID: V3A6637

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	34	
108-88-3-----Toluene	17000	E
100-41-4-----Ethylbenzene	1800	
1330-20-7-----Xylene (Total)	18000	E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-03DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-01ADL

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

Lab File ID: V3A6648

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 250.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	250	U
108-88-3-----Toluene	22000	D
100-41-4-----Ethylbenzene	2000	D
1330-20-7-----Xylene (Total)	11000	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-03

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-01H

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

Lab File ID: S1D1158

Level: (low/med) LOW

Date Received: 09/24/02

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

Date Extracted: 09/24/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/28/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	220	EB
91-57-6-----	2-Methylnaphthalene	11	J
208-96-8-----	Acenaphthylene	10	U J
83-32-9-----	Acenaphthene	10	U J
132-64-9-----	Dibenzofuran	10	U J
86-73-7-----	Fluorene	10	U J
85-01-8-----	Phenanthrene	10	U J
120-12-7-----	Anthracene	10	U J
206-44-0-----	Fluoranthene	10	U J
129-00-0-----	Pyrene	10	U J
56-55-3-----	Benzo (a) anthracene	10	U J
218-01-9-----	Chrysene	10	U J
205-99-2-----	Benzo (b) fluoranthene	10	U J
207-08-9-----	Benzo (k) fluoranthene	10	U J
50-32-8-----	Benzo (a) pyrene	10	U J
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U J
53-70-3-----	Dibenzo (a, h) anthracene	10	U J
191-24-2-----	Benzo (g, h, i) perylene	10	U J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-03DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-01HDL

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

Lab File ID: S1D1174

Level: (low/med) LOW

Date Received: 09/24/02

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

Date Extracted: 09/24/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

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

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

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

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-03

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-01E_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	75700			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	132			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_PZ-03_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-03

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-01F_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	62100			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	130			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_PZ-03_____

Mitkem Corporation**Date:** 08-Oct-02**CLIENT:** GEI Consultants, Inc.**Project:** Keyspan**Client Sample ID:** PZ-03**Collection Date:** 09/23/02 10:15**Lab ID:** A1390-01**Matrix:** AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		1.3	mg/L	25	09/24/02 14:04
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	170		40	mg/L CaCO3	2	09/25/02 12:00
TOTAL DISSOLVED SOLIDS SM2540_TDS						
Total Dissolved Solids	580		10	mg/L	1	09/25/02 17:50
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		5000	mg/L	500	09/24/02 10:25
Ferric Iron	ND		5000	mg/L	500	09/24/02 10:25
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	7000		5000	mg/L	500	09/24/02 10:25
Ferrous Iron	7000		5000	mg/L	500	09/24/02 10:25
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	300		70	mg/L	10	10/02/02 12:45
TOTAL CYANIDE SW9012B_W						
Cyanide	0.35	J	0.020	mg/L	1	09/25/02 7:00

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

0328

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-04

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-01A

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

Lab File ID: V3A6607

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	82	
108-88-3-----Toluene	320	
100-41-4-----Ethylbenzene	2400	
1330-20-7-----Xylene (Total)	2600	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-04

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-01C

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

Lab File ID: S2C9633

Level: (low/med) LOW

Date Received: 09/21/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 10/02/02

Injection Volume: 1.0(uL)

Dilution Factor: 6.0

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

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	910	
91-57-6-----	2-Methylnaphthalene	30	J
208-96-8-----	Acenaphthylene	60	U
83-32-9-----	Acenaphthene	11	J
132-64-9-----	Dibenzofuran	60	U
86-73-7-----	Fluorene	6	J
85-01-8-----	Phenanthrene	14	J
120-12-7-----	Anthracene	60	U
206-44-0-----	Fluoranthene	60	U
129-00-0-----	Pyrene	60	U
56-55-3-----	Benzo (a) anthracene	60	U
218-01-9-----	Chrysene	60	U
205-99-2-----	Benzo (b) fluoranthene	60	U
207-08-9-----	Benzo (k) fluoranthene	60	U
50-32-8-----	Benzo (a) pyrene	60	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	60	U
53-70-3-----	Dibenzo (a, h) anthracene	60	U
191-24-2-----	Benzo (g, h, i) perylene	60	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-04

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-01B_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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
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	23.4			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-05

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-06A

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

Lab File ID: V3A6647

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	210	
108-88-3-----	Toluene	5	
100-41-4-----	Ethylbenzene	160	
1330-20-7-----	Xylene (Total)	410	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-05

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383

Matrix: (soil/water) WATER Lab Sample ID: A1383-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2C9635

Level: (low/med) LOW Date Received: 09/21/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/02

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

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

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

91-20-3-----	Naphthalene	710	
91-57-6-----	2-Methylnaphthalene	130	
208-96-8-----	Acenaphthylene	50	U
83-32-9-----	Acenaphthene	48	J
132-64-9-----	Dibenzofuran	50	U
86-73-7-----	Fluorene	25	J
85-01-8-----	Phenanthrene	42	J
120-12-7-----	Anthracene	7	J
206-44-0-----	Fluoranthene	50	U
129-00-0-----	Pyrene	14	J
56-55-3-----	Benzo (a) anthracene	50	U
218-01-9-----	Chrysene	50	U
205-99-2-----	Benzo (b) fluoranthene	50	U
207-08-9-----	Benzo (k) fluoranthene	50	U
50-32-8-----	Benzo (a) pyrene	50	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	50	U
53-70-3-----	Dibenzo (a, h) anthracene	50	U
191-24-2-----	Benzo (g, h, i) perylene	50	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-05

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-06B_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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
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	26.1			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX092002 PZ05 (Dup)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-09A

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

Lab File ID: V3A6610

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	1	U
108-88-3-----	Toluene	1	U
100-41-4-----	Ethylbenzene	1	U
1330-20-7-----	Xylene (Total)	1	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPWWXX092002
PZ 05 (DUP)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-09C

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

Lab File ID: S2C9636

Level: (low/med) LOW

Date Received: 09/21/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/02/02

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/L	Q
---------	----------	--	---

91-20-3-----	Naphthalene	540	
91-57-6-----	2-Methylnaphthalene	91	
208-96-8-----	Acenaphthylene	40	U
83-32-9-----	Acenaphthene	44	
132-64-9-----	Dibenzofuran	40	U
86-73-7-----	Fluorene	22	J
85-01-8-----	Phenanthrene	30	J
120-12-7-----	Anthracene	6	J
206-44-0-----	Fluoranthene	6	J
129-00-0-----	Pyrene	13	J
56-55-3-----	Benzo (a) anthracene	40	U
218-01-9-----	Chrysene	40	U
205-99-2-----	Benzo (b) fluoranthene	40	U
207-08-9-----	Benzo (k) fluoranthene	40	U
50-32-8-----	Benzo (a) pyrene	40	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	40	U
53-70-3-----	Dibenzo (a, h) anthracene	40	U
191-24-2-----	Benzo (g, h, i) perylene	40	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM_CORPORATION_____ Contract: _____

 XX092002
 PZ 05 (DJP)

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-09B_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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
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	26.8			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-06

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-01A

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

Lab File ID: V3A6477

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

71-43-2-----Benzene	1	
108-88-3-----Toluene	18	
100-41-4-----Ethylbenzene	1	U
1330-20-7-----Xylene (Total)	220	

FORM I VOA

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-06

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-01C

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

Lab File ID: S1D1173

Level: (low/med) LOW

Date Received: 09/18/02

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

Date Extracted: 09/18/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

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	Q
---------	----------	--	---

91-20-3-----	Naphthalene	2000	
91-57-6-----	2-Methylnaphthalene	410	
208-96-8-----	Acenaphthylene	24	J
83-32-9-----	Acenaphthene	200	U
132-64-9-----	Dibenzofuran	200	U
86-73-7-----	Fluorene	200	U
85-01-8-----	Phenanthrene	200	U
120-12-7-----	Anthracene	200	U
206-44-0-----	Fluoranthene	200	U
129-00-0-----	Pyrene	200	U
56-55-3-----	Benzo (a) anthracene	200	U
218-01-9-----	Chrysene	200	U
205-99-2-----	Benzo (b) fluoranthene	200	U
207-08-9-----	Benzo (k) fluoranthene	200	U
50-32-8-----	Benzo (a) pyrene	200	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	200	U
53-70-3-----	Dibenzo (a, h) anthracene	200	U
191-24-2-----	Benzo (g, h, i) perylene	200	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PZ-06

Lab Name: MITKEM_CORPORATION_____ Contract: _____

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

SDG No.: A1361__

Matrix (soil/water): WATER__ Lab Sample ID: A1361-01B__

Level (low/med): MED__ Date Received: 09/18/02__

% Solids: _____

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

UG/L

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
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	340		<i>10/1/02</i>	CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW2024

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1103

Matrix: (soil/water) WATER

Lab Sample ID: A1103-01A

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

Lab File ID: V4B2482

Level: (low/med) LOW

Date Received: 07/18/02

% Moisture: not dec. _____

Date Analyzed: 07/22/02

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

71-43-2-----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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW2024

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1103

Matrix: (soil/water) WATER

Lab Sample ID: A1103-01B

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

Lab File ID: S1C9938

Level: (low/med) LOW

Date Received: 07/18/02

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

Date Extracted: 07/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 07/23/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW3640

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1103

Matrix: (soil/water) WATER

Lab Sample ID: A1103-02A

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

Lab File ID: V4B2483

Level: (low/med) LOW

Date Received: 07/18/02

% Moisture: not dec. _____

Date Analyzed: 07/22/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW3640

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1103

Matrix: (soil/water) WATER

Lab Sample ID: A1103-02B

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

Lab File ID: S1C9939

Level: (low/med) LOW

Date Received: 07/18/02

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

Date Extracted: 07/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 07/23/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW5256

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1106

Matrix: (soil/water) WATER

Lab Sample ID: A1106-01A

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

Lab File ID: V4B2493

Level: (low/med) LOW

Date Received: 07/19/02

% Moisture: not dec. _____

Date Analyzed: 07/23/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW5256

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1106

Matrix: (soil/water) WATER Lab Sample ID: A1106-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1C9942

Level: (low/med) LOW Date Received: 07/19/02

% Moisture: decanted: (Y/N) Date Extracted: 07/19/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/23/02

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
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW6064

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1106

Matrix: (soil/water) WATER

Lab Sample ID: A1106-02A

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

Lab File ID: V4B2494

Level: (low/med) LOW

Date Received: 07/19/02

% Moisture: not dec. _____

Date Analyzed: 07/23/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP25GW6064

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1106

Matrix: (soil/water) WATER Lab Sample ID: A1106-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1C9941

Level: (low/med) LOW Date Received: 07/19/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 07/19/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/23/02

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
91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP25GW7175

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) WATER

Lab Sample ID: A1111-05A

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

Lab File ID: V4B2499

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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP25GW7175

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) WATER

Lab Sample ID: A1111-05B

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

Lab File ID: S1C9974

Level: (low/med) LOW

Date Received: 07/20/02

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

Date Extracted: 07/22/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 07/24/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP26GW812

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) WATER

Lab Sample ID: A1111-02A

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

Lab File ID: V4B2497

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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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)	2	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP26GW812

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) WATER

Lab Sample ID: A1111-02B

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

Lab File ID: S1C9971

Level: (low/med) LOW

Date Received: 07/20/02

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

Date Extracted: 07/22/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 07/24/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP26GW2024

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) WATER

Lab Sample ID: A1111-03A

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

Lab File ID: V4B2498

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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP26GW2024

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) WATER

Lab Sample ID: A1111-03B

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

Lab File ID: S1C9972

Level: (low/med) LOW

Date Received: 07/20/02

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

Date Extracted: 07/22/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 07/24/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP26GW6340

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1111

Matrix: (soil/water) WATER

Lab Sample ID: A1111-04A

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

Lab File ID: V4B2500

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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP26GW3640

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1111

Matrix: (soil/water) WATER Lab Sample ID: A1111-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1C9973

Level: (low/med) LOW Date Received: 07/20/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 07/22/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/24/02

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
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3	Dibenzo (a, h) anthracene	10	U
191-24-2	Benzo (g, h, i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW812

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1118

Matrix: (soil/water) WATER

Lab Sample ID: A1118-01A

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

Lab File ID: V4B2510

Level: (low/med) LOW

Date Received: 07/23/02

% Moisture: not dec. _____

Date Analyzed: 07/24/02

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

Dilution Factor: 40.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene		3400	
108-88-3-----Toluene		40	U
100-41-4-----Ethylbenzene		770	
1330-20-7-----Xylene (Total)		100	

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW81

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1118

Matrix: (soil/water) WATER

Lab Sample ID: A1118-01B

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

Lab File ID: S1D0045

Level: (low/med) LOW

Date Received: 07/23/02

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

Date Extracted: 07/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 07/26/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	79	
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	1	J
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW2024

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1118

Matrix: (soil/water) WATER

Lab Sample ID: A1118-02A

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

Lab File ID: V4B2511

Level: (low/med) LOW

Date Received: 07/23/02

% Moisture: not dec. _____

Date Analyzed: 07/24/02

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

71-43-2-----Benzene	580	
108-88-3-----Toluene	10	U
100-41-4-----Ethylbenzene	13	
1330-20-7-----Xylene (Total)	11	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW2024

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1118

Matrix: (soil/water) WATER Lab Sample ID: A1118-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D0046

Level: (low/med) LOW Date Received: 07/23/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 07/23/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/26/02

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
91-20-3	Naphthalene	63	
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	3	J
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3	Dibenzo (a, h) anthracene	10	U
191-24-2	Benzo (g, h, i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW3640

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1118

Matrix: (soil/water) WATER

Lab Sample ID: A1118-03A

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

Lab File ID: V4B2528

Level: (low/med) LOW

Date Received: 07/23/02

% Moisture: not dec. _____

Date Analyzed: 07/25/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW3640

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1118

Matrix: (soil/water) WATER

Lab Sample ID: A1118-03B

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

Lab File ID: S1D0047

Level: (low/med) LOW

Date Received: 07/23/02

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

Date Extracted: 07/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 07/26/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW5256

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) WATER

Lab Sample ID: A1120-01A

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

Lab File ID: V4B2520

Level: (low/med) LOW

Date Received: 07/24/02

% Moisture: not dec. _____

Date Analyzed: 07/24/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW5256

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) WATER

Lab Sample ID: A1120-01B

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

Lab File ID: S1D0105

Level: (low/med) LOW

Date Received: 07/24/02

% Moisture: _____ decanted: (Y/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

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

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

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U J
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

RPGPXX0723021
RP6PZ76W5Z56 (Dup)

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) WATER

Lab Sample ID: A1120-03A

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

Lab File ID: V4B2522

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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

RPGPXX0723021
RPGP276W5256 (dup)

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) WATER

Lab Sample ID: A1120-03B

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

Lab File ID: S1D0107

Level: (low/med) LOW

Date Received: 07/24/02

% Moisture: _____ decanted: (Y/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

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

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

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U J
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW7175

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) WATER

Lab Sample ID: A1120-02A

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

Lab File ID: V4B2521

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 Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP27GW7175

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1120

Matrix: (soil/water) WATER

Lab Sample ID: A1120-02B

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

Lab File ID: S1D0106

Level: (low/med) LOW

Date Received: 07/24/02

% Moisture: _____ decanted: (Y/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

GPC Cleanup: (Y/N) N

pH: _____

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

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U J
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW812

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1128

Matrix: (soil/water) WATER

Lab Sample ID: A1128-01A

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

Lab File ID: V4B2531

Level: (low/med) LOW

Date Received: 07/25/02

% Moisture: not dec. _____

Date Analyzed: 07/25/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW812

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1128

Matrix: (soil/water) WATER

Lab Sample ID: A1128-01B

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: S1D0131

Level: (low/med) LOW

Date Received: 07/25/02

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

Date Extracted: 07/25/02

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 07/30/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW812

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1128

Matrix (soil/water): WATER Lab Sample ID: A1128-01B

Level (low/med): MED Date Received: 07/25/02

% Solids: _____

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

UG/L

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
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	4670 J			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW2428

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1128

Matrix: (soil/water) WATER

Lab Sample ID: A1128-02A

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

Lab File ID: V4B2532

Level: (low/med) LOW

Date Received: 07/25/02

% Moisture: not dec. _____

Date Analyzed: 07/25/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW2428

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1128
Matrix: (soil/water) WATER Lab Sample ID: A1128-02B
Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S1D0129
Level: (low/med) LOW Date Received: 07/25/02
% Moisture: decanted: (Y/N) Date Extracted: 07/25/02
Concentrated Extract Volume: 500 (uL) Date Analyzed: 07/30/02
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
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3	Dibenzo (a, h) anthracene	10	U
191-24-2	Benzo (g, h, i) perylene	10	U

U.S. EPA - CLP

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW2428

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1128__

Matrix (soil/water): WATER_____ Lab Sample ID: A1128-02B_____

Level (low/med): MED_____ Date Received: 07/25/02_____

% Solids: _____

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

UG/L

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
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	40.7 J			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW3640

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1128

Matrix: (soil/water) WATER

Lab Sample ID: A1128-03A

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

Lab File ID: V4B2533

Level: (low/med) LOW

Date Received: 07/25/02

% Moisture: not dec. _____

Date Analyzed: 07/25/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW3640

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1128

Matrix: (soil/water) WATER Lab Sample ID: A1128-03B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S1D0130

Level: (low/med) LOW Date Received: 07/25/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 07/25/02

Concentrated Extract Volume: 500 (uL) Date Analyzed: 07/30/02

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
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3	Dibenzo (a, h) anthracene	10	U
191-24-2	Benzo (g, h, i) perylene	10	U

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW3640

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1128__

Matrix (soil/water): WATER_____ Lab Sample ID: A1128-03B_____

Level (low/med): MED_____ Date Received: 07/25/02_____

% Solids: _____

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

UG/L

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
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	36.8	J		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW5256

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) WATER

Lab Sample ID: A1132-01A

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

Lab File ID: V4B2623

Level: (low/med) LOW

Date Received: 07/26/02

% Moisture: not dec. _____

Date Analyzed: 08/01/02

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

71-43-2-----Benzene	1	U
108-88-3-----Toluene	28	
100-41-4-----Ethylbenzene	93	
1330-20-7-----Xylene (Total)	220	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW5256

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1132

Matrix: (soil/water) WATER Lab Sample ID: A1132-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3B8826

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

% Moisture: _____ decanted: (Y/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 UNITS:	
		(ug/L or ug/Kg) UG/L	Q
91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW5256

Lab Name: MITKEM CORPORATION _____ Contract: _____

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

SDG No.: A1132__

Matrix (soil/water): WATER_ Lab Sample ID: A1132-01B__

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

% Solids: _____

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

UG/L

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
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	12.5	B	J	CA

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW7175

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1132

Matrix: (soil/water) WATER

Lab Sample ID: A1132-02A

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

Lab File ID: V4B2624

Level: (low/med) LOW

Date Received: 07/26/02

% Moisture: not dec. _____

Date Analyzed: 08/01/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW7175

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1132
Matrix: (soil/water) WATER Lab Sample ID: A1132-02C
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3B8827
Level: (low/med) LOW Date Received: 07/26/02
% Moisture: _____ decanted: (Y/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: _____

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

CAS NO.	COMPOUND	Q
---------	----------	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPGP28AGW7175

Lab Name: MITKEM CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1132__

Matrix (soil/water): WATER__ Lab Sample ID: A1132-02B__

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

% Solids: _____

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

UG/L

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
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	14.7	B	J	CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-01S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-05A

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

Lab File ID: V3A6611

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	1	U	
108-88-3-----	Toluene	1	U	
100-41-4-----	Ethylbenzene	1	U	
1330-20-7-----	Xylene (Total)	1	U	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-01S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-05C

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

Lab File ID: S2C9500

Level: (low/med) LOW

Date Received: 09/21/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-01S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-05B_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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
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	38.0			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-01I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-06A

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

Lab File ID: V3A6739

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/04/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-01I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1409

Matrix: (soil/water) WATER

Lab Sample ID: A1409-06A

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

Lab File ID: S1D1276

Level: (low/med) LOW

Date Received: 09/26/02

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

Date Extracted: 10/02/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/04/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	7	J
83-32-9-----	Acenaphthene	14	
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3 -cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-01I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-04A_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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
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	8.0	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-01A

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

Lab File ID: V3A6710

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	500	
108-88-3-----	Toluene	10	U
100-41-4-----	Ethylbenzene	100	
1330-20-7-----	Xylene (Total)	23	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-01H

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

Lab File ID: S1D1179

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	440	E
91-57-6-----	2-Methylnaphthalene	20	
208-96-8-----	Acenaphthylene	6	J
83-32-9-----	Acenaphthene	190	E
132-64-9-----	Dibenzofuran	8	J
86-73-7-----	Fluorene	56	
85-01-8-----	Phenanthrene	91	
120-12-7-----	Anthracene	11	
206-44-0-----	Fluoranthene	9	J
129-00-0-----	Pyrene	10	
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02S

Lab Name: MITKEM CORPORATION _____ Contract: _____

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

SDG No.: A1398

Matrix (soil/water): WATER _____ Lab Sample ID: A1398-01E

Level (low/med): MED _____ Date Received: 09/25/02

% Solids: _____

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

UG/L

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	307			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	78.8		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL METALS FOR SAMPLE RPMW-02S _____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

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

SDG No.: A1398__

Matrix (soil/water): WATER_____ Lab Sample ID: A1398-01F_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	293			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	75.1		E	P
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				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-02S_____

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.
Client Sample ID: RPMW-02S
Lab ID: A1398-01

Project: Keyspan
Collection Date: 09/24/02 9:10
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.050	mg/L	1	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	420		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		100	mg/L	10	09/25/02 11:10
Ferric Iron	ND		100	mg/L	10	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		100	mg/L UJ	10	09/25/02 11:10
Ferrous Iron	ND		100	mg/L UJ	10	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	40		14	mg/L	2	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	0.066		0.020	mg/L	1	09/30/02 14:00

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

000467

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-09A

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

Lab File ID: V3A6676

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/02/02

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

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	360	
108-88-3-----Toluene	160	
100-41-4-----Ethylbenzene	3900	
1330-20-7-----Xylene (Total)	3400	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-09H

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

Lab File ID: S1D1176

Level: (low/med) LOW

Date Received: 09/24/02

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

Date Extracted: 09/24/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

Injection Volume: 1.0 (uL)

Dilution Factor: 100.0

GPC Cleanup: (Y/N) N

pH: _____

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	11000	B
91-57-6-----	2-Methylnaphthalene	890	J
208-96-8-----	Acenaphthylene	110	J
83-32-9-----	Acenaphthene	400	J
132-64-9-----	Dibenzofuran	1000	U
86-73-7-----	Fluorene	1000	U
85-01-8-----	Phenanthrene	1000	U
120-12-7-----	Anthracene	1000	U
206-44-0-----	Fluoranthene	1000	U
129-00-0-----	Pyrene	1000	U
56-55-3-----	Benzo (a) anthracene	1000	U
218-01-9-----	Chrysene	1000	U
205-99-2-----	Benzo (b) fluoranthene	1000	U
207-08-9-----	Benzo (k) fluoranthene	1000	U
50-32-8-----	Benzo (a) pyrene	1000	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	1000	U
53-70-3-----	Dibenzo (a, h) anthracene	1000	U
191-24-2-----	Benzo (g, h, i) perylene	1000	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_ Lab Sample ID: A1390-09E_____

Level (low/med): MED____ Date Received: 09/24/02____

% Solids: _____

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

UG/L

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	63.1	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	10.1	B		P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-02I_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-09F_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	252			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	20.6	B		P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-02I_____

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-021

Collection Date: 09/23/02 16:25

Lab ID: A1390-09

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.10	mg/L	2	09/24/02 14:04
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	520		20	mg/L CaCO3	1	09/25/02 12:00
TOTAL DISSOLVED SOLIDS SM2540_TDS						
Total Dissolved Solids	12000		100	mg/L	10	09/26/02 9:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		20	mg/L	2	09/24/02 10:25
Ferric Iron	ND		20	mg/L	2	09/24/02 10:25
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		20	mg/L	2	09/24/02 10:25
Ferrous Iron	ND		20	mg/L	2	09/24/02 10:25
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	550		180	mg/L	25	09/25/02 16:02
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L	1	09/25/02 7:00

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

0336

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-02A

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

Lab File ID: V3A6705

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

71-43-2-----	Benzene	1	
108-88-3-----	Toluene	1	U
100-41-4-----	Ethylbenzene	37	
1330-20-7-----	Xylene (Total)	2	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix: (soil/water) WATER Lab Sample ID: A1398-02H

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1150

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/28/02

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
91-20-3	Naphthalene	6	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	4	J
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPW-02SDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-01HDL

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

Lab File ID: S1D1204

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL)

Dilution Factor: 8.0

GPC Cleanup: (Y/N) N

pH: _____

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

91-20-3-----	Naphthalene	590	D
91-57-6-----	2-Methylnaphthalene	18	DJ
208-96-8-----	Acenaphthylene	80	U
83-32-9-----	Acenaphthene	200	D
132-64-9-----	Dibenzofuran	80	U
86-73-7-----	Fluorene	52	DJ
85-01-8-----	Phenanthrene	85	D
120-12-7-----	Anthracene	10	DJ
206-44-0-----	Fluoranthene	80	U
129-00-0-----	Pyrene	10	DJ
56-55-3-----	Benzo (a) anthracene	80	U
218-01-9-----	Chrysene	80	U
205-99-2-----	Benzo (b) fluoranthene	80	U
207-08-9-----	Benzo (k) fluoranthene	80	U
50-32-8-----	Benzo (a) pyrene	80	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	80	U
53-70-3-----	Dibenzo (a,h) anthracene	80	U
191-24-2-----	Benzo (g,h,i) perylene	80	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02D

Lab Name: MITKEM CORPORATION _____ Contract: _____

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

SDG No.: A1398__

Matrix (soil/water): WATER _____ Lab Sample ID: A1398-02E_____

Level (low/med): MED _____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	2650			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	355		E	P
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				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

TOTAL METALS FOR SAMPLE RPMW-02D _____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02D

Lab Name: MITKEM CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix (soil/water): WATER _____ Lab Sample ID: A1398-02F _____

Level (low/med): MED _____ Date Received: 09/25/02 _____

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	375		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED METALS FOR SAMPLE RPMW-02D

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-02D

Collection Date: 09/24/02 10:33

Lab ID: A1398-02

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	0.36		0.10	mg/L	2	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	240		40	mg/L CaCO3	2	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		1000	mg/L	100	09/25/02 11:10
Ferric Iron	ND		1000	mg/L	100	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		1000	mg/L UJ	100	09/25/02 11:10
Ferrous Iron	ND		1000	mg/L UJ	100	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	2600		700	mg/L	100	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L	1	09/30/02 14:00

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

000468

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-13A

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

Lab File ID: V3A6626

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

GC Column: RTX-502.2 ID: 0.53 (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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-02D2

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379
Matrix: (soil/water) WATER Lab Sample ID: A1379-13C
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1088
Level: (low/med) LOW Date Received: 09/20/02
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/23/02
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/25/02
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	1	J
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-02D2

Collection Date: 09/23/02 15:00

Lab ID: A1390-08

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
TOTAL CYANIDE			SW9012B_W			
Cyanide	ND		0.020	mg/L	1	09/25/02 7:00

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

0335

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-05A

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

Lab File ID: V3A6686

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

71-43-2-----	Benzene	26	
108-88-3-----	Toluene	1	
100-41-4-----	Ethylbenzene	2	
1330-20-7-----	Xylene (Total)	3	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383

Matrix: (soil/water) WATER Lab Sample ID: A1383-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2C9508

Level: (low/med) LOW Date Received: 09/21/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/27/02

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
91-20-3	Naphthalene	4	J
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	28	
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3	Dibenzo (a, h) anthracene	10	U
191-24-2	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-08A_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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
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	68.2			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-06A

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

Lab File ID: V3A6735

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/04/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03I

Lab Name: MITKEM CORPORATION Contract:
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1390
 Matrix: (soil/water) WATER Lab Sample ID: A1390-06C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1140
 Level: (low/med) LOW Date Received: 09/24/02
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/24/02
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/27/02
 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
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	4	J
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.
Client Sample ID: RPMW-031
Lab ID: A1390-06

Project: Keyspan
Collection Date: 09/23/02 10:25
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
TOTAL CYANIDE			SW9012B_W			
Cyanide	0.20	J	0.020	mg/L	1	09/25/02 7:00

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

0333

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-05A

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

Lab File ID: V3A6704

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-05C

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

Lab File ID: S1D1139

Level: (low/med) LOW

Date Received: 09/24/02

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

Date Extracted: 09/24/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo(a)anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-03DRE

Lab Name: MITKEM CORPORATION Contract:
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1390
 Matrix: (soil/water) WATER Lab Sample ID: A1390-05CRE
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1168
 Level: (low/med) LOW Date Received: 09/24/02
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/24/02
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/02
 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
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-03D

Collection Date: 09/23/02 12:00

Lab ID: A1390-05

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
TOTAL CYANIDE			SW9012B_W			
Cyanide	ND		0.020	mg/L	1	09/25/02 7:00

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

0332

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-04S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-02A

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

Lab File ID: V3A6627

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-04S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-02C

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

Lab File ID: S2C9498

Level: (low/med) LOW

Date Received: 09/21/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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

Q

91-20-3-----	Naphthalene	10	
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-04S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-02B_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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
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	1250			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-04I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-03A

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

Lab File ID: V3A6609

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	20	U
108-88-3-----Toluene	49	
100-41-4-----Ethylbenzene	360	
1330-20-7-----Xylene (Total)	310	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-04I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-03C

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

Lab File ID: S2C9634

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: _____ decanted: (Y/N)____

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/02/02

Injection Volume: 1.0 (uL)

Dilution Factor: 6.0

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

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

91-20-3-----	Naphthalene	890	
91-57-6-----	2-Methylnaphthalene	60	U
208-96-8-----	Acenaphthylene	180	
83-32-9-----	Acenaphthene	57	J
132-64-9-----	Dibenzofuran	60	U
86-73-7-----	Fluorene	18	J
85-01-8-----	Phenanthrene	14	J
120-12-7-----	Anthracene	60	U
206-44-0-----	Fluoranthene	60	U
129-00-0-----	Pyrene	60	U
56-55-3-----	Benzo (a) anthracene	60	U
218-01-9-----	Chrysene	60	U
205-99-2-----	Benzo (b) fluoranthene	60	U
207-08-9-----	Benzo (k) fluoranthene	60	U
50-32-8-----	Benzo (a) pyrene	60	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	60	U
53-70-3-----	Dibenzo (a,h) anthracene	60	U
191-24-2-----	Benzo (g,h,i) perylene	60	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-04I

Lab Name: MITKEM CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383__

Matrix (soil/water): WATER _____ Lab Sample ID: A1383-03B _____

Level (low/med): MED _____ Date Received: 09/21/02 _____

% Solids: _____

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

UG/L

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
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	5.5	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-03A

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

Lab File ID: V3A6479

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

71-43-2-----Benzene	1800	E
108-88-3-----Toluene	1	U
100-41-4-----Ethylbenzene	150	E
1330-20-7-----Xylene (Total)	60	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05SDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-03ADL

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

Lab File ID: V3A6488

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

Dilution Factor: 40.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	3200	D
108-88-3-----Toluene	40	U
100-41-4-----Ethylbenzene	200	D
1330-20-7-----Xylene (Total)	66	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1361

Matrix: (soil/water) WATER Lab Sample ID: A1361-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1172

Level: (low/med) LOW Date Received: 09/18/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/18/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/02

Injection Volume: 1.0 (uL) Dilution Factor: 15.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3-----	Naphthalene	1200	
91-57-6-----	2-Methylnaphthalene	52	J
208-96-8-----	Acenaphthylene	150	U
83-32-9-----	Acenaphthene	180	
132-64-9-----	Dibenzofuran	150	U
86-73-7-----	Fluorene	80	J
85-01-8-----	Phenanthrene	120	J
120-12-7-----	Anthracene	150	U
206-44-0-----	Fluoranthene	150	U
129-00-0-----	Pyrene	150	U
56-55-3-----	Benzo (a) anthracene	150	U
218-01-9-----	Chrysene	150	U
205-99-2-----	Benzo (b) fluoranthene	150	U
207-08-9-----	Benzo (k) fluoranthene	150	U
50-32-8-----	Benzo (a) pyrene	150	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	150	U
53-70-3-----	Dibenzo (a, h) anthracene	150	U
191-24-2-----	Benzo (g, h, i) perylene	150	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1361__

Matrix (soil/water): WATER__ Lab Sample ID: A1361-03B_____

Level (low/med): MED_____ Date Received: 09/18/02_____

% Solids: _____

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

UG/L

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
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 ...	176		<i>g 01/16/02</i>	CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-02A

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

Lab File ID: V3A6478

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

71-43-2-----Benzene	3	J
108-88-3-----Toluene	4	J
100-41-4-----Ethylbenzene	170	E
1330-20-7-----Xylene (Total)	160	J

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05IDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-02ADL

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

Lab File ID: V3A6489

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

Dilution Factor: 2.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	3	D
108-88-3-----Toluene	4	D
100-41-4-----Ethylbenzene	190	D
1330-20-7-----Xylene (Total)	180	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-02C

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

Lab File ID: S1D1171

Level: (low/med) LOW

Date Received: 09/18/02

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

Date Extracted: 09/18/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

Injection Volume: 1.0 (uL)

Dilution Factor: 100.0

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

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	9500	
91-57-6-----	2-Methylnaphthalene	920	J
208-96-8-----	Acenaphthylene	1000	U
83-32-9-----	Acenaphthene	270	J
132-64-9-----	Dibenzofuran	1000	U
86-73-7-----	Fluorene	1000	U
85-01-8-----	Phenanthrene	1000	U
120-12-7-----	Anthracene	1000	U
206-44-0-----	Fluoranthene	1000	U
129-00-0-----	Pyrene	1000	U
56-55-3-----	Benzo (a) anthracene	1000	U
218-01-9-----	Chrysene	1000	U
205-99-2-----	Benzo (b) fluoranthene	1000	U
207-08-9-----	Benzo (k) fluoranthene	1000	U
50-32-8-----	Benzo (a) pyrene	1000	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	1000	U
53-70-3-----	Dibenzo (a, h) anthracene	1000	U
191-24-2-----	Benzo (g, h, i) perylene	1000	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-05I

Lab Name: MITKEM_CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1361__

Matrix (soil/water): WATER__ Lab Sample ID: A1361-02B_____

Level (low/med): MED__ Date Received: 09/18/02__

% Solids: _____

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

UG/L

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
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	15.0	B	8/09/02	CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-06I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-10A

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

Lab File ID: V3A6597

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

Dilution Factor: 25.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	880	
108-88-3-----Toluene	25	U
100-41-4-----Ethylbenzene	1500	
1330-20-7-----Xylene (Total)	1100	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-06I

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379
Matrix: (soil/water) WATER Lab Sample ID: A1379-10H
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1133
Level: (low/med) LOW Date Received: 09/20/02
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/23/02
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/27/02
Injection Volume: 1.0 (uL) Dilution Factor: 30.0
GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	4200	
91-57-6	2-Methylnaphthalene	530	
208-96-8	Acenaphthylene	57	J
83-32-9	Acenaphthene	300	
132-64-9	Dibenzofuran	300	U
86-73-7	Fluorene	58	J
85-01-8	Phenanthrene	81	J
120-12-7	Anthracene	300	U
206-44-0	Fluoranthene	300	U
129-00-0	Pyrene	300	U
56-55-3	Benzo (a) anthracene	300	U
218-01-9	Chrysene	300	U
205-99-2	Benzo (b) fluoranthene	300	U
207-08-9	Benzo (k) fluoranthene	300	U
50-32-8	Benzo (a) pyrene	300	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	300	U
53-70-3	Dibenzo (a, h) anthracene	300	U
191-24-2	Benzo (g, h, i) perylene	300	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-06I

Lab Name: MITKEM_CORPORATION Contract: _____

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

SDG No.: A1379_

Matrix (soil/water): WATER_ Lab Sample ID: A1379-10D_____

Level (low/med): MED_ Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	20.4	B		P
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	9.1	B		CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-06I_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-06I

Lab Name: MITKEM_CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1379__

Matrix (soil/water): WATER_ Lab Sample ID: A1379-10F_____

Level (low/med): MED_____ Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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	64.9	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	20.8	B		P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-06I_____

Mitkem Corporation**Date:** 27-Sep-02**CLIENT:** GEI Consultants, Inc.
Client Sample ID: RPMW-061
Lab ID: A1379-10**Project:** Keyspan
Collection Date: 09/19/02 16:57
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.50	mg/L	10	09/20/02 12:00
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	370		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		250	mg/L	25	09/20/02 11:40
Ferric Iron	ND		250	mg/L	25	09/20/02 11:40
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		250	mg/L	25	09/20/02 11:40
Ferrous Iron	ND		250	mg/L	25	09/20/02 11:40
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	470		180	mg/L	25	09/23/02 13:41

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-07A

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

Lab File ID: V3A6714

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	2900	
108-88-3-----Toluene	50	U
100-41-4-----Ethylbenzene	1100	
1330-20-7-----Xylene (Total)	400	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-07H

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

Lab File ID: S1D1209

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL)

Dilution Factor: 50.0

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

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

91-20-3-----	Naphthalene	4500	
91-57-6-----	2-Methylnaphthalene	480	J
208-96-8-----	Acenaphthylene	500	U
83-32-9-----	Acenaphthene	230	J
132-64-9-----	Dibenzofuran	500	U
86-73-7-----	Fluorene	92	J
85-01-8-----	Phenanthrene	96	J
120-12-7-----	Anthracene	500	U
206-44-0-----	Fluoranthene	500	U
129-00-0-----	Pyrene	500	U
56-55-3-----	Benzo (a) anthracene	500	U
218-01-9-----	Chrysene	500	U
205-99-2-----	Benzo (b) fluoranthene	500	U
207-08-9-----	Benzo (k) fluoranthene	500	U
50-32-8-----	Benzo (a) pyrene	500	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	500	U
53-70-3-----	Dibenzo (a,h) anthracene	500	U
191-24-2-----	Benzo (g,h,i) perylene	500	U

U.S. EPA - CLP

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER_ Lab Sample ID: A1398-07E_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	351			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	194		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-07S_____

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07S

Lab Name: MITKEM CORPORATION _____ Contract: _____

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

SDG No.: A1398__

Matrix (soil/water): WATER _____ Lab Sample ID: A1398-07F _____

Level (low/med): MED _____ Date Received: 09/25/02 _____

% Solids: _____

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

UG/L

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	288			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	163		E	P
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				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

DISSOLVED METALS FOR SAMPLE RPMW-07S _____

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-07S

Collection Date: 09/24/02 14:00

Lab ID: A1398-07

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.050	mg/L	1	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	390		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		250	mg/L	25	09/25/02 11:10
Ferric Iron	ND		250	mg/L	25	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		250	mg/L	25	09/25/02 11:10
Ferrous Iron	ND		250	mg/L	25	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	15		7.0	mg/L	1	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	0.13		0.020	mg/L	1	09/30/02 14:00

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

000471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-08A

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

Lab File ID: V3A6713

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
			Q
71-43-2-----	Benzene	1100	
108-88-3-----	Toluene	20	U
100-41-4-----	Ethylbenzene	1400	
1330-20-7-----	Xylene (Total)	360	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-08H

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

Lab File ID: S1D1181

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	2500	E
91-57-6-----	2-Methylnaphthalene	730	E
208-96-8-----	Acenaphthylene	12	
83-32-9-----	Acenaphthene	280	E
132-64-9-----	Dibenzofuran	16	
86-73-7-----	Fluorene	100	
85-01-8-----	Phenanthrene	130	
120-12-7-----	Anthracene	16	
206-44-0-----	Fluoranthene	7	J
129-00-0-----	Pyrene	9	J
56-55-3-----	Benzo (a) anthracene	1	J
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3 -cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07IDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-08HDL

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

Lab File ID: S1D1206

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL)

Dilution Factor: 75.0

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

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

91-20-3-----	Naphthalene	5200	D
91-57-6-----	2-Methylnaphthalene	510	DJ
208-96-8-----	Acenaphthylene	750	U
83-32-9-----	Acenaphthene	300	DJ
132-64-9-----	Dibenzofuran	750	U
86-73-7-----	Fluorene	87	DJ
85-01-8-----	Phenanthrene	120	DJ
120-12-7-----	Anthracene	750	U
206-44-0-----	Fluoranthene	750	U
129-00-0-----	Pyrene	750	U
56-55-3-----	Benzo (a) anthracene	750	U
218-01-9-----	Chrysene	750	U
205-99-2-----	Benzo (b) fluoranthene	750	U
207-08-9-----	Benzo (k) fluoranthene	750	U
50-32-8-----	Benzo (a) pyrene	750	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	750	U
53-70-3-----	Dibenzo (a,h) anthracene	750	U
191-24-2-----	Benzo (g,h,i) perylene	750	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER_____ Lab Sample ID: A1398-08E_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	33.7	B	E	P
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				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-07I_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER_____ Lab Sample ID: A1398-08F_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	82.0	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	36.7	B	E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-07I_____

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-071

Collection Date: 09/24/02 12:10

Lab ID: A1398-08

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.25	mg/L	5	10/02/02 14:30
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	260		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron - Dissolved	ND		50	mg/L	5	09/25/02 11:10
Ferric Iron	ND		50	mg/L	5	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron - Dissolved	ND		50	mg/L	5	09/25/02 11:10
Ferrous Iron	ND		50	mg/L	5	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	130		35	mg/L	5	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L	1	09/30/02 14:00

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

000472

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX092402-1
RPMW-07I (DUP)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-11A

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

Lab File ID: V3A6738

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/04/02

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

Dilution Factor: 25.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	1200	
108-88-3-----Toluene	25	U
100-41-4-----Ethylbenzene	1400	
1330-20-7-----Xylene (Total)	380	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMWXX092402-1
RPMW07I (DUP)

Lab Name: MITKEM CORPORATION Contract: _____
Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398
Matrix: (soil/water) WATER Lab Sample ID: A1398-11H
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1193
Level: (low/med) LOW Date Received: 09/25/02
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/25/02
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/02
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

91-20-3-----	Naphthalene	2600	E
91-57-6-----	2-Methylnaphthalene	760	E
208-96-8-----	Acenaphthylene	12	
83-32-9-----	Acenaphthene	280	E
132-64-9-----	Dibenzofuran	16	
86-73-7-----	Fluorene	100	
85-01-8-----	Phenanthrene	130	
120-12-7-----	Anthracene	16	
206-44-0-----	Fluoranthene	8	J
129-00-0-----	Pyrene	9	J
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REMXXX09
240Z-1DL
RPMW07I (DUP)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-11HDL

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

Lab File ID: S1D1208

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL)

Dilution Factor: 75.0

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

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

91-20-3-----	Naphthalene	5400	D
91-57-6-----	2-Methylnaphthalene	550	DJ
208-96-8-----	Acenaphthylene	750	U
83-32-9-----	Acenaphthene	300	DJ
132-64-9-----	Dibenzofuran	750	U
86-73-7-----	Fluorene	86	DJ
85-01-8-----	Phenanthrene	120	DJ
120-12-7-----	Anthracene	750	U
206-44-0-----	Fluoranthene	750	U
129-00-0-----	Pyrene	750	U
56-55-3-----	Benzo (a) anthracene	750	U
218-01-9-----	Chrysene	750	U
205-99-2-----	Benzo (b) fluoranthene	750	U
207-08-9-----	Benzo (k) fluoranthene	750	U
50-32-8-----	Benzo (a) pyrene	750	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	750	U
53-70-3-----	Dibenzo (a,h) anthracene	750	U
191-24-2-----	Benzo (g,h,i) perylene	750	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract: _____

 XX092402-1
 RPMWOTI (DUP)

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

SDG No.: A1398

Matrix (soil/water): WATER Lab Sample ID: A1398-11E

Level (low/med): MED Date Received: 09/25/02

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	33.6	B	E	P
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				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

TOTAL METALS FOR SAMPLE XX092402-1

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION _____ Contract: _____

 XX092402-1
 RPMW07I (DUP)

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix (soil/water): WATER _____ Lab Sample ID: A1398-11F

Level (low/med): MED _____ Date Received: 09/25/02

% Solids: _____

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

UG/L

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	48.1	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	41.8	B	E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED METALS FOR SAMPLE XX092402-1

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: XX092402-1 Rpmw 07I (DUP) Collection Date: 09/24/02 12:13

Lab ID: A1398-11

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.25	mg/L	5	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	280		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		50	mg/L	5	09/25/02 11:10
Ferric Iron	ND		50	mg/L	5	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		50	mg/L	5	09/25/02 11:10
Ferrous Iron	ND		50	mg/L	5	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	140		35	mg/L	5	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L	1	09/30/02 14:00

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

100475

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-09A

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

Lab File ID: V3A6707

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

Dilution Factor: 2.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	11	
108-88-3-----Toluene	15	
100-41-4-----Ethylbenzene	150	
1330-20-7-----Xylene (Total)	74	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix: (soil/water) WATER Lab Sample ID: A1398-09H

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1207

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL) Dilution Factor: 6.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3-----	Naphthalene	480	
91-57-6-----	2-Methylnaphthalene	29	J
208-96-8-----	Acenaphthylene	60	
83-32-9-----	Acenaphthene	11	J
132-64-9-----	Dibenzofuran	60	U
86-73-7-----	Fluorene	8	J
85-01-8-----	Phenanthrene	29	J
120-12-7-----	Anthracene	7	J
206-44-0-----	Fluoranthene	7	J
129-00-0-----	Pyrene	10	J
56-55-3-----	Benzo (a) anthracene	60	U
218-01-9-----	Chrysene	60	U
205-99-2-----	Benzo (b) fluoranthene	60	U
207-08-9-----	Benzo (k) fluoranthene	60	U
50-32-8-----	Benzo (a) pyrene	60	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	60	U
53-70-3-----	Dibenzo (a,h) anthracene	60	U
191-24-2-----	Benzo (g,h,i) perylene	60	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07D

Lab Name: MITKEM CORPORATION _____ Contract: _____

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

SDG No.: A1398__

Matrix (soil/water): WATER_ Lab Sample ID: A1398-09E__

Level (low/med): MED__ Date Received: 09/25/02__

% Solids: _____

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

UG/L

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	2770			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	875		E	P
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				NR

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-07D_____

U.S. EPA - CLP

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07D

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER_____ Lab Sample ID: A1398-09F_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	854		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-07D_____

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.
Client Sample ID: RPMW-07D
Lab ID: A1398-09

Project: Keyspan
Collection Date: 09/24/02 10:15
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	0.55		0.10	mg/L	2	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	540		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		500	mg/L	50	09/25/02 11:10
Ferric Iron	ND		500	mg/L	50	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		500	mg/L	50	09/25/02 11:10
Ferrous Iron	ND		500	mg/L	50	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	1900		350	mg/L	50	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L	1	09/30/02 14:00

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

000473

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-10A

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

Lab File ID: V3A6706

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-07D2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix: (soil/water) WATER Lab Sample ID: A1398-10C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1170

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/02

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
91-20-3	Naphthalene	24	
91-57-6	2-Methylnaphthalene	10	
208-96-8	Acenaphthylene	12	
83-32-9	Acenaphthene	5	J
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	8	J
85-01-8	Phenanthrene	13	
120-12-7	Anthracene	2	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	1	J
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

Mitkem Corporation**Date:** 09-Oct-02**CLIENT:** GEI Consultants, Inc.**Project:** Keyspan**Client Sample ID:** RPMW-07D2**Collection Date:** 09/24/02 9:00**Lab ID:** A1398-10**Matrix:** AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
TOTAL CYANIDE			SW9012B_W			
Cyanide	ND		0.020	mg/L	1	09/30/02 14:00

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

000474

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-04A

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

Lab File ID: V3A6480

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-04C

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

Lab File ID: S1D1136

Level: (low/med) LOW

Date Received: 09/18/02

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

Date Extracted: 09/18/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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

Q

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1361__

Matrix (soil/water): WATER__ Lab Sample ID: A1361-04B_____

Level (low/med): MED__ Date Received: 09/18/02_____

% Solids: _____

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

UG/L

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
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	118		<i>g 07/21/02</i>	CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-05A

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

Lab File ID: V3A6481

Level: (low/med) LOW

Date Received: 09/18/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1361

Matrix: (soil/water) WATER

Lab Sample ID: A1361-05C

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

Lab File ID: S1D1137

Level: (low/med) LOW

Date Received: 09/18/02

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

Date Extracted: 09/18/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	110	
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	21	
83-32-9-----	Acenaphthene	7	J
132-64-9-----	Dibenzofuran	1	J
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	5	J
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1361____

Matrix (soil/water): WATER_____ Lab Sample ID: A1361-05B_____

Level (low/med): MED_____ Date Received: 09/18/02_____

% Solids: _____

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

UG/L

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
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	5.0	U	09/18/02	CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-01A

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

Lab File ID: V3A6484

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-01C

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

Lab File ID: S1D0994

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/20/02

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

Q

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08D

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-01B_____

Level (low/med): MED____ Date Received: 09/19/02____

% Solids: _____

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

UG/L

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
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	5.0	U		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-02A

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

Lab File ID: V3A6485

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

GC Column: RTX-502.2 ID: 0.53 (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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-02C

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

Lab File ID: S1D0995

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/20/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-08D2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369

Matrix (soil/water): WATER Lab Sample ID: A1369-02B

Level (low/med): MED Date Received: 09/19/02

% Solids: _____

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

UG/L

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
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	5.0	U		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-03A

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

Lab File ID: V3A6674

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/02/02

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

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	200	
108-88-3-----Toluene	140	
100-41-4-----Ethylbenzene	3000	
1330-20-7-----Xylene (Total)	3500	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REMW-09I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-03H

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

Lab File ID: S1D1177

Level: (low/med) LOW

Date Received: 09/24/02

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

Date Extracted: 09/24/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

Injection Volume: 1.0 (uL)

Dilution Factor: 75.0

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

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

91-20-3-----	Naphthalene	7600	B
91-57-6-----	2-Methylnaphthalene	850	
208-96-8-----	Acenaphthylene	750	U
83-32-9-----	Acenaphthene	150	J
132-64-9-----	Dibenzofuran	750	U
86-73-7-----	Fluorene	750	U
85-01-8-----	Phenanthrene	750	U
120-12-7-----	Anthracene	750	U
206-44-0-----	Fluoranthene	750	U
129-00-0-----	Pyrene	750	U
56-55-3-----	Benzo (a) anthracene	750	U
218-01-9-----	Chrysene	750	U
205-99-2-----	Benzo (b) fluoranthene	750	U
207-08-9-----	Benzo (k) fluoranthene	750	U
50-32-8-----	Benzo (a) pyrene	750	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	750	U
53-70-3-----	Dibenzo (a, h) anthracene	750	U
191-24-2-----	Benzo (g, h, i) perylene	750	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-091

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-03E_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	109	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	35.5	B		P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-091_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-03F_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	136	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	36.0	B		P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-09I_____

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-09I

Collection Date: 09/23/02 12:55

Lab ID: A1390-03

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.050	mg/L	1	09/24/02 14:04
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	200		20	mg/L CaCO3	1	09/25/02 12:00
TOTAL DISSOLVED SOLIDS SM2540_TDS						
Total Dissolved Solids	770		10	mg/L	1	09/25/02 17:50
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron - Dissolved	ND		20	mg/L	2	09/24/02 10:25
Ferric Iron	ND		20	mg/L	2	09/24/02 10:25
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron - Dissolved	ND		20	mg/L	2	09/24/02 10:25
Ferrous Iron	ND		20	mg/L	2	09/24/02 10:25
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	ND		7.0	mg/L	1	09/25/02 16:02
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L UJ	1	09/25/02 7:00

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

0330

Job Number: 202633

LABORATORY TEST RESULTS

Date: 10/09/2002

CUSTOMER: Mitkem Corporation

PROJECT: A1390

ATTN: Len Ranalli

Customer Sample ID: A1390-031
 Date Sampled.....: 09/23/2002
 Time Sampled.....: 12:55
 Sample Matrix.....: Water

Laboratory Sample ID: 202633-2
 Date Received.....: 09/26/2002
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
EPA300.0 PartA	Bromide	ND	U	1.0	mg/L	09/27/02	rwe
EPA300.0 PartA	Chloride	269		20	mg/L	09/27/02	rwe
SM18 4500I	Iodide	ND	U	0.240	mg/L	10/08/02	rwe
SM18 4500PE	Phosphorous, Total as P	4.12		1.0	mg/L	10/02/02	rwe

* In Description = Dry Wgt.

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SEVERN

TRENT

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 N. Billerica, MA 01862
 Tel: (978) 667-1400
 Fax: (978) 667-7871

011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-02A

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

Lab File ID: V3A6638

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	11000	E
108-88-3-----Toluene	640	
100-41-4-----Ethylbenzene	2100	
1330-20-7-----Xylene (Total)	2200	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09DDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-02ADL

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

Lab File ID: V3A6649

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 200.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	9400	D
108-88-3-----Toluene	500	D
100-41-4-----Ethylbenzene	1500	D
1330-20-7-----Xylene (Total)	1500	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-02H

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

Lab File ID: S1D1175

Level: (low/med) LOW

Date Received: 09/24/02

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

Date Extracted: 09/24/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

Injection Volume: 1.0 (uL)

Dilution Factor: 50.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
			Q
91-20-3	Naphthalene	4500	B
91-57-6	2-Methylnaphthalene	480	J
208-96-8	Acenaphthylene	110	J
83-32-9	Acenaphthene	500	U
132-64-9	Dibenzofuran	500	U
86-73-7	Fluorene	500	U
85-01-8	Phenanthrene	500	U
120-12-7	Anthracene	500	U
206-44-0	Fluoranthene	500	U
129-00-0	Pyrene	500	U
56-55-3	Benzo (a) anthracene	500	U
218-01-9	Chrysene	500	U
205-99-2	Benzo (b) fluoranthene	500	U
207-08-9	Benzo (k) fluoranthene	500	U
50-32-8	Benzo (a) pyrene	500	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	500	U
53-70-3	Dibenzo (a, h) anthracene	500	U
191-24-2	Benzo (g, h, i) perylene	500	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-02E_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	243			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-09D_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D

Lab Name: MITKEM CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_ Lab Sample ID: A1390-02F _____

Level (low/med): MED _____ Date Received: 09/24/02 _____

% Solids: _____

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

UG/L

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	288			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	227			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-09D _____

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.
Client Sample ID: RPMW-09D
Lab ID: A1390-02

Project: Keyspan
Collection Date: 09/23/02 14:15
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.25	mg/L	5	09/24/02 14:04
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	280		20	mg/L CaCO3	1	09/25/02 12:00
TOTAL DISSOLVED SOLIDS SM2540_TDS						
Total Dissolved Solids	20000		200	mg/L	20	09/26/02 9:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		20	mg/L	2	09/24/02 10:25
Ferric Iron	ND		20	mg/L	2	09/24/02 10:25
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		20	mg/L	2	09/24/02 10:25
Ferrous Iron	ND		20	mg/L	2	09/24/02 10:25
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	1600		700	mg/L	100	09/25/02 16:02
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L UJ	1	09/25/02 7:00

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

0329

Job Number: 202633

LABORATORY TEST RESULTS

Date: 10/09/2002

CUSTOMER: Mitkem Corporation

PROJECT: A1390

ATTN: Len Ranalli

Customer Sample ID: A1390-021
 Date Sampled.....: 09/23/2002
 Time Sampled.....: 14:15
 Sample Matrix.....: Water

Laboratory Sample ID: 202633-1
 Date Received.....: 09/26/2002
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
EPA300.0 PartA	Bromide	42.2	J	5.0	mg/L	09/27/02	rwe
EPA300.0 PartA	Chloride	14800		500	mg/L	09/27/02	rwe
SM18 4500I	Iodide	ND	U J	12.0	mg/L	10/08/02	rwe
SM18 4500PE	Phosphorous, Total as P	5.94		1.0	mg/L	10/02/02	rwe

* In Description = Dry Wgt.

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MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD

NY DOH 10843
 NH DES 253901-A
 NELAP NY10843



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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-04A

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

Lab File ID: V3A6653

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	20000	E
108-88-3-----Toluene	1200	
100-41-4-----Ethylbenzene	1000	
1330-20-7-----Xylene (Total)	2400	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D2DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-04ADL

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

Lab File ID: V3A6675

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/02/02

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

Dilution Factor: 250.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	16000	D
108-88-3-----Toluene	940	D
100-41-4-----Ethylbenzene	750	D
1330-20-7-----Xylene (Total)	1800	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-04H

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

Lab File ID: S1D1178

Level: (low/med) LOW

Date Received: 09/24/02

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

Date Extracted: 09/24/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

Injection Volume: 1.0 (uL)

Dilution Factor: 75.0

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

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

91-20-3-----	Naphthalene	6500	B
91-57-6-----	2-Methylnaphthalene	580	J
208-96-8-----	Acenaphthylene	210	J
83-32-9-----	Acenaphthene	750	U
132-64-9-----	Dibenzofuran	750	U
86-73-7-----	Fluorene	750	U
85-01-8-----	Phenanthrene	750	U
120-12-7-----	Anthracene	750	U
206-44-0-----	Fluoranthene	750	U
129-00-0-----	Pyrene	750	U
56-55-3-----	Benzo (a) anthracene	750	U
218-01-9-----	Chrysene	750	U
205-99-2-----	Benzo (b) fluoranthene	750	U
207-08-9-----	Benzo (k) fluoranthene	750	U
50-32-8-----	Benzo (a) pyrene	750	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	750	U
53-70-3-----	Dibenzo (a,h) anthracene	750	U
191-24-2-----	Benzo (g,h,i) perylene	750	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D2

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-04E_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	1170			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	524			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-09D2_____

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-09D2

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1390__

Matrix (soil/water): WATER_____ Lab Sample ID: A1390-04F_____

Level (low/med): MED_____ Date Received: 09/24/02_____

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	523			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-09D2_____

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-09D2

Collection Date: 09/23/02 16:05

Lab ID: A1390-04

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	0.21		0.10	mg/L	2	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	770		20	mg/L CaCO3	1	09/25/02 12:00
TOTAL DISSOLVED SOLIDS SM2540_TDS						
Total Dissolved Solids	27000		200	mg/L	20	09/26/02 9:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		500	mg/L	50	09/24/02 10:25
Ferric Iron	ND		500	mg/L	50	09/24/02 10:25
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		500	mg/L	50	09/24/02 10:25
Ferrous Iron	ND		500	mg/L	50	09/24/02 10:25
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	1200		700	mg/L	100	09/25/02 16:02
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L <i>uj</i>	1	09/25/02 7:00

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

0331

Job Number: 202633

LABORATORY TEST RESULTS

Date: 10/09/2002

CUSTOMER: Mitkem Corporation

PROJECT: A1390

ATTN: Len Ranalli

Customer Sample ID: A1390-041
 Date Sampled.....: 09/23/2002
 Time Sampled.....: 16:05
 Sample Matrix.....: Water

Laboratory Sample ID: 202633-3
 Date Received.....: 09/26/2002
 Time Received.....: 11:00

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
EPA300.0 PartA	Bromide	44.8	J	5.0	mg/L	09/27/02	rwe
EPA300.0 PartA	Chloride	17200		500	mg/L	09/27/02	rwe
SM18 4500I	Iodide	ND	U J	12.0	mg/L	10/08/02	rwe
SM18 4500PE	Phosphorous, Total as P	5.61		1.0	mg/L	10/02/02	rwe

* In Description = Dry Wgt.

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SEVERN

TRENT

SERVICES

MADEP MA014
 RIDOH57
 CTDPH 0494
 VT DECWSD

NY DOH 10843
 NH DES 253901-A
 NELAP NY10843



STL Westfield
 53 Southampton Rd.
 Westfield, MA 01085
 Tel: (413) 572-4000
 Fax: (413) 572-3707

STL Billerica
 149 Rangeway Rd.
 N. Billerica, MA 01862
 Tel: (978) 667-1400
 Fax: (978) 667-7871

012

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-03A

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

Lab File ID: V3A6742

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/04/02

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

Dilution Factor: 1000.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----	Benzene	61000	
108-88-3-----	Toluene	40000	
100-41-4-----	Ethylbenzene	6700	
1330-20-7-----	Xylene (Total)	8700	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-03H

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

Lab File ID: S1D1180

Level: (low/med) LOW

Date Received: 09/25/02

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

Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/30/02

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
91-20-3	Naphthalene	770	E
91-57-6	2-Methylnaphthalene	50	
208-96-8	Acenaphthylene	2	J
83-32-9	Acenaphthene	12	
132-64-9	Dibenzofuran	1	J
86-73-7	Fluorene	6	J
85-01-8	Phenanthrene	18	
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	2	J
129-00-0	Pyrene	2	J
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10SDL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix: (soil/water) WATER Lab Sample ID: A1398-03HDL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1205

Level: (low/med) LOW Date Received: 09/25/02

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/25/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/02

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	Q
91-20-3	Naphthalene	1500	D
91-57-6	2-Methylnaphthalene	40	DJ
208-96-8	Acenaphthylene	200	U
83-32-9	Acenaphthene	200	U
132-64-9	Dibenzofuran	200	U
86-73-7	Fluorene	200	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
206-44-0	Fluoranthene	200	U
129-00-0	Pyrene	200	U
56-55-3	Benzo (a) anthracene	200	U
218-01-9	Chrysene	200	U
205-99-2	Benzo (b) fluoranthene	200	U
207-08-9	Benzo (k) fluoranthene	200	U
50-32-8	Benzo (a) pyrene	200	U
193-39-5	Indeno (1,2,3-cd) pyrene	200	U
53-70-3	Dibenzo (a,h) anthracene	200	U
191-24-2	Benzo (g,h,i) perylene	200	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER_____ Lab Sample ID: A1398-03E_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	7830			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	210		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-10S_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

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

SDG No.: A1398__

Matrix (soil/water): WATER_____ Lab Sample ID: A1398-03F_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	2600			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	171		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-10S_____

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEJ Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-10S

Collection Date: 09/24/02 14:00

Lab ID: A1398-03

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.25	mg/L	5	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	270		40	mg/L CaCO3	2	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron - Dissolved	ND		1000	mg/L	100	09/25/02 11:10
Ferric Iron	ND		1000	mg/L	100	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron - Dissolved	ND		1000	mg/L J	100	09/25/02 11:10
Ferrous Iron	ND		1000	mg/L J	100	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	24		14	mg/L	2	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	0.17		0.020	mg/L	1	09/30/02 14:00

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

000469

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1398

Matrix: (soil/water) WATER

Lab Sample ID: A1398-04A

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

Lab File ID: V3A6687

Level: (low/med) LOW

Date Received: 09/25/02

% Moisture: not dec. _____

Date Analyzed: 10/03/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	3	
108-88-3-----	Toluene	3	
100-41-4-----	Ethylbenzene	1	U
1330-20-7-----	Xylene (Total)	2	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10I

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1398
Matrix: (soil/water) WATER Lab Sample ID: A1398-04H
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1142
Level: (low/med) LOW Date Received: 09/25/02
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/25/02
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/27/02
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
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3	Dibenzo (a, h) anthracene	10	U
191-24-2	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-10I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398__

Matrix (soil/water): WATER_____ Lab Sample ID: A1398-04E_____

Level (low/med): MED_____ Date Received: 09/25/02_____

% Solids: _____

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

UG/L

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	967			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	102		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-10I_____

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-101

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1398

Matrix (soil/water): WATER Lab Sample ID: A1398-04F

Level (low/med): MED Date Received: 09/25/02

% Solids: _____

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

UG/L

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	37.5	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	105		E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED METALS FOR SAMPLE RPMW-101

Mitkem Corporation

Date: 09-Oct-02

CLIENT: GEI Consultants, Inc.
Client Sample ID: RPMW-10I
Lab ID: A1398-04

Project: Keyspan
Collection Date: 09/24/02 16:30
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.050	mg/L	1	09/25/02 14:54
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	180		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		250	mg/L	25	09/25/02 11:10
Ferric Iron	ND		250	mg/L	25	09/25/02 11:10
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		250	mg/L UJ	25	09/25/02 11:10
Ferrous Iron	ND		250	mg/L UJ	25	09/25/02 11:10
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	1400		350	mg/L	50	09/26/02 13:47
TOTAL CYANIDE SW9012B_W						
Cyanide	ND		0.020	mg/L	1	09/30/02 14:00

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

0004701

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-111

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-05A

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

Lab File ID: V3A6588

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

71-43-2-----Benzene	40	
108-88-3-----Toluene	31	
100-41-4-----Ethylbenzene	1000	E
1330-20-7-----Xylene (Total)	970	E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-11IDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-05ADL

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

Lab File ID: V3A6635

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 25.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

71-43-2-----Benzene	48	D
108-88-3-----Toluene	38	D
100-41-4-----Ethylbenzene	1800	D
1330-20-7-----Xylene (Total)	1200	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-11I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-05C

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

Lab File ID: S1D1129

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

Injection Volume: 1.0 (uL)

Dilution Factor: 8.0

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

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

91-20-3-----	Naphthalene	800	
91-57-6-----	2-Methylnaphthalene	38	J
208-96-8-----	Acenaphthylene	32	J
83-32-9-----	Acenaphthene	180	
132-64-9-----	Dibenzofuran	80	U
86-73-7-----	Fluorene	27	J
85-01-8-----	Phenanthrene	60	J
120-12-7-----	Anthracene	14	J
206-44-0-----	Fluoranthene	80	U
129-00-0-----	Pyrene	80	U
56-55-3-----	Benzo (a) anthracene	80	U
218-01-9-----	Chrysene	80	U
205-99-2-----	Benzo (b) fluoranthene	80	U
207-08-9-----	Benzo (k) fluoranthene	80	U
50-32-8-----	Benzo (a) pyrene	80	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	80	U
53-70-3-----	Dibenzo (a,h) anthracene	80	U
191-24-2-----	Benzo (g,h,i) perylene	80	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-111

Lab Name: MITKEM_CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379

Matrix (soil/water): WATER Lab Sample ID: A1379-05D

Level (low/med): MED Date Received: 09/20/02

% Solids:

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

UG/L

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
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	37.3			CA

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-11D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-06A

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

Lab File ID: V3A6589

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPBW-11D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-06C

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

Lab File ID: S1D1086

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/25/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-11D

Lab Name: MITKEM_CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379

Matrix (soil/water): WATER Lab Sample ID: A1379-06D

Level (low/med): MED Date Received: 09/20/02

% Solids:

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

UG/L

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
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	5.0	U		CA

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-01A

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

Lab File ID: V3A6634

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----	Benzene	5	U
108-88-3-----	Toluene	100	
100-41-4-----	Ethylbenzene	100	
1330-20-7-----	Xylene (Total)	650	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12S

Lab Name: MITKEM CORPORATION Contract:
 Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379
 Matrix: (soil/water) WATER Lab Sample ID: A1379-01C
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1134
 Level: (low/med) LOW Date Received: 09/20/02
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/23/02
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/27/02
 Injection Volume: 1.0 (uL) Dilution Factor: 15.0
 GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
91-20-3	Naphthalene	1800	
91-57-6	2-Methylnaphthalene	420	
208-96-8	Acenaphthylene	150	
83-32-9	Acenaphthene	24	J
132-64-9	Dibenzofuran	150	U
86-73-7	Fluorene	53	J
85-01-8	Phenanthrene	58	J
120-12-7	Anthracene	150	U
206-44-0	Fluoranthene	150	U
129-00-0	Pyrene	150	U
56-55-3	Benzo (a) anthracene	150	U
218-01-9	Chrysene	150	U
205-99-2	Benzo (b) fluoranthene	150	U
207-08-9	Benzo (k) fluoranthene	150	U
50-32-8	Benzo (a) pyrene	150	U
193-39-5	Indeno (1,2,3-cd) pyrene	150	U
53-70-3	Dibenzo (a,h) anthracene	150	U
191-24-2	Benzo (g,h,i) perylene	150	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12S

Lab Name: MITKEM_CORPORATION_

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1379...

Matrix (soil/water): WATER_

Lab Sample ID: A1379-01D_____

Level (low/med): MED_

Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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
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	770			CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-02A

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

Lab File ID: V3A6624

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-02C

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

Lab File ID: S1D1083

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/25/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.0

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	2	J
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	2	J
85-01-8-----	Phenanthrene	8	J
120-12-7-----	Anthracene	1	J
206-44-0-----	Fluoranthene	2	J
129-00-0-----	Pyrene	3	J
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12I

Lab Name: MITKEM_CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1379__

Matrix (soil/water): WATER__

Lab Sample ID: A1379-02D_____

Level (low/med): MED_____

Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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
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	9.1	B		CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-03A

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

Lab File ID: V3A6586

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

GC Column: RTX-502.2 ID: 0.53 (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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REMW-12D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-03H

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

Lab File ID: S1D1084

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/25/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3 -cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12D

Lab Name: MITKEM_CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1379__

Matrix (soil/water): WATER_

Lab Sample ID: A1379-03D____

Level (low/med): MED____

Date Received: 09/20/02____

% Solids: _____

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

UG/L

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	1180			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	48.7	B		P
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	7.0	B	J	CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-12D_____

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12D

Lab Name: MITKEM_CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1379..

Matrix (soil/water): WATER_ Lab Sample ID: A1379-03F_____

Level (low/med): MED_____ Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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	35.0	U		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	46.9	B		P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-12D_____

Mitkem Corporation**Date:** 27-Sep-02**CLIENT:** GEI Consultants, Inc.
Client Sample ID: RPMW-12D
Lab ID: A1379-03**Project:** Keyspan
Collection Date: 09/19/02 13:35
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	0.079		0.050	mg/L	1	09/20/02 12:00
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	160		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		250	mg/L	25	09/20/02 11:40
Femic Iron	ND		250	mg/L	25	09/20/02 11:40
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		250	mg/L	25	09/20/02 11:40
Ferrous Iron	ND		250	mg/L	25	09/20/02 11:40
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	1700		700	mg/L	100	09/23/02 13:41

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-04A

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

Lab File ID: V3A6587

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-04H

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

Lab File ID: S1D1085

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/25/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

91-20-3-----	Naphthalene	1	J
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	1	J
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3 -cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12 D2

Lab Name: MITKEM_CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379

Matrix (soil/water): WATER Lab Sample ID: A1379-04D

Level (low/med): MED Date Received: 09/20/02

% Solids:

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

UG/L

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	891			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	139			P
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	6.3	B	J	CA

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-12_D2

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-12 D2

Lab Name: MITKEM_CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1379

Matrix (soil/water): WATER

Lab Sample ID: A1379-04F

Level (low/med): MED

Date Received: 09/20/02

% Solids: _____

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

UG/L

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	195	B		P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	142			P
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				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-12_D2

Mitkem Corporation

Date: 27-Sep-02

CLIENT: GEI Consultants, Inc.
Client Sample ID: RPMW-12 D2
Lab ID: A1379-04

Project: Keyspan
Collection Date: 09/19/02 15:57
Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.050	mg/L	1	09/20/02 12:00
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	340		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron -- Dissolved	ND		250	mg/L	25	09/20/02 11:40
Ferric Iron	ND		250	mg/L	25	09/20/02 11:40
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron -- Dissolved	ND		250	mg/L	25	09/20/02 11:40
Ferrous Iron	ND		250	mg/L	25	09/20/02 11:40
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	2300		700	mg/L	100	09/23/02 13:41

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-03A

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

Lab File ID: V3A6486

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

71-43-2-----Benzene	13	
108-88-3-----Toluene	41	
100-41-4-----Ethylbenzene	1000	E
1330-20-7-----Xylene (Total)	2600	E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13SDL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-03ADL

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

Lab File ID: V3A6490

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----Benzene	20	U
108-88-3-----Toluene	35	D
100-41-4-----Ethylbenzene	1200	D
1330-20-7-----Xylene (Total)	3200	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-03C

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

Lab File ID: S1D1190

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL)

Dilution Factor: 30.0

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

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

91-20-3-----	Naphthalene	3100	
91-57-6-----	2-Methylnaphthalene	360	
208-96-8-----	Acenaphthylene	300	U
83-32-9-----	Acenaphthene	96	J
132-64-9-----	Dibenzofuran	300	U
86-73-7-----	Fluorene	51	J
85-01-8-----	Phenanthrene	65	J
120-12-7-----	Anthracene	300	U
206-44-0-----	Fluoranthene	300	U
129-00-0-----	Pyrene	300	U
56-55-3-----	Benzo (a) anthracene	300	U
218-01-9-----	Chrysene	300	U
205-99-2-----	Benzo (b) fluoranthene	300	U
207-08-9-----	Benzo (k) fluoranthene	300	U
50-32-8-----	Benzo (a) pyrene	300	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	300	U
53-70-3-----	Dibenzo (a,h) anthracene	300	U
191-24-2-----	Benzo (g,h,i) perylene	300	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13S

Lab Name: MITKEM CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-03B__

Level (low/med): MED__ Date Received: 09/19/02__

% Solids: _____

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

UG/L

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
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	154			CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-04A

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

Lab File ID: V3A6503

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-04C

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

Lab File ID: S1D1188

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL)

Dilution Factor: 2.0

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

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

91-20-3-----	Naphthalene	270	
91-57-6-----	2-Methylnaphthalene	2	J
208-96-8-----	Acenaphthylene	3	J
83-32-9-----	Acenaphthene	88	
132-64-9-----	Dibenzofuran	6	J
86-73-7-----	Fluorene	46	
85-01-8-----	Phenanthrene	89	
120-12-7-----	Anthracene	9	J
206-44-0-----	Fluoranthene	10	J
129-00-0-----	Pyrene	11	J
56-55-3-----	Benzo (a) anthracene	20	U
218-01-9-----	Chrysene	20	U
205-99-2-----	Benzo (b) fluoranthene	20	U
207-08-9-----	Benzo (k) fluoranthene	20	U
50-32-8-----	Benzo (a) pyrene	20	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	20	U
53-70-3-----	Dibenzo (a,h) anthracene	20	U
191-24-2-----	Benzo (g,h,i) perylene	20	U

U.S. EPA - CLP

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER_____ Lab Sample ID: A1369-04B_____

Level (low/med): MED_____ Date Received: 09/19/02_____

% Solids: _____

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

UG/L

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
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	8.2	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-05A

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

Lab File ID: V3A6491

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

71-43-2-----Benzene	3	
108-88-3-----Toluene	4	
100-41-4-----Ethylbenzene	6	
1330-20-7-----Xylene (Total)	29	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-05C

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

Lab File ID: S1D1156

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/28/02

Injection Volume: 1.0 (uL)

Dilution Factor: 4.0

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

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

CAS NO.

COMPOUND

Q

91-20-3-----	Naphthalene	620	
91-57-6-----	2-Methylnaphthalene	70	
208-96-8-----	Acenaphthylene	120	
83-32-9-----	Acenaphthene	16	J
132-64-9-----	Dibenzofuran	6	J
86-73-7-----	Fluorene	19	J
85-01-8-----	Phenanthrene	77	
120-12-7-----	Anthracene	11	J
206-44-0-----	Fluoranthene	7	J
129-00-0-----	Pyrene	7	J
56-55-3-----	Benzo (a) anthracene	40	U
218-01-9-----	Chrysene	40	U
205-99-2-----	Benzo (b) fluoranthene	40	U
207-08-9-----	Benzo (k) fluoranthene	40	U
50-32-8-----	Benzo (a) pyrene	40	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	40	U
53-70-3-----	Dibenzo (a,h) anthracene	40	U
191-24-2-----	Benzo (g,h,i) perylene	40	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13D

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-05B_____

Level (low/med): MED____ Date Received: 09/19/02____

% Solids: _____

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

UG/L

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
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	5.0	U		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-06A

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

Lab File ID: V3A6492

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/25/02

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

71-43-2-----Benzene	56	
108-88-3-----Toluene	74	
100-41-4-----Ethylbenzene	27	
1330-20-7-----Xylene (Total)	370	E

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13D2DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-06ADL

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

Lab File ID: V3A6511

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

GC Column: RTX-502.2 ID: 0.53 (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

71-43-2-----Benzene	42	D
108-88-3-----Toluene	48	D
100-41-4-----Ethylbenzene	16	D
1330-20-7-----Xylene (Total)	220	D

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-06C

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

Lab File ID: S1D1005

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/21/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	1400	E
91-57-6-----	2-Methylnaphthalene	380	E
208-96-8-----	Acenaphthylene	180	E
83-32-9-----	Acenaphthene	13	J
132-64-9-----	Dibenzofuran	7	J
86-73-7-----	Fluorene	36	J
85-01-8-----	Phenanthrene	57	J
120-12-7-----	Anthracene	11	J
206-44-0-----	Fluoranthene	5	J
129-00-0-----	Pyrene	7	J
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPBW-13D2DL

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-06CDL

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

Lab File ID: S1D1189

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

Injection Volume: 1.0 (uL)

Dilution Factor: 50.0

GPC Cleanup: (Y/N) N

pH: _____

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

91-20-3-----	Naphthalene	3800	D
91-57-6-----	2-Methylnaphthalene	340	DJ
208-96-8-----	Acenaphthylene	240	DJ
83-32-9-----	Acenaphthene	500	U
132-64-9-----	Dibenzofuran	500	U
86-73-7-----	Fluorene	500	U
85-01-8-----	Phenanthrene	61	DJ
120-12-7-----	Anthracene	500	U
206-44-0-----	Fluoranthene	500	U
129-00-0-----	Pyrene	500	U
56-55-3-----	Benzo(a)anthracene	500	U
218-01-9-----	Chrysene	500	U
205-99-2-----	Benzo(b)fluoranthene	500	U
207-08-9-----	Benzo(k)fluoranthene	500	U
50-32-8-----	Benzo(a)pyrene	500	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	500	U
53-70-3-----	Dibenzo(a,h)anthracene	500	U
191-24-2-----	Benzo(g,h,i)perylene	500	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-13D2

Lab Name: MITKEM_CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-06B__

Level (low/med): MED__ Date Received: 09/19/02__

% Solids: _____

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

UG/L

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
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	8.8	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-07A

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

Lab File ID: V3A6612

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

71-43-2-----Benzene	410	
108-88-3-----Toluene	26	
100-41-4-----Ethylbenzene	960	
1330-20-7-----Xylene (Total)	440	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-07C

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

Lab File ID: S1D1192

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/01/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	140	
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	3	J
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	2	J
85-01-8-----	Phenanthrene	3	J
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER_____ Lab Sample ID: A1369-07B_____

Level (low/med): MED_____ Date Received: 09/19/02_____

% Solids: _____

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

UG/L

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
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	161			CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-08A

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

Lab File ID: V3A6504

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-08C

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

Lab File ID: S1D0997

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/20/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	3	J
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-08B_____

Level (low/med): MED____ Date Received: 09/19/02____

% Solids: _____

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

UG/L

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
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	6.9	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX0918021 Rpmw14I (dup)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-10A

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

Lab File ID: V3A6506

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

GC Column: RTX-502.2 ID: 0.53 (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
71-43-2-----	Benzene	1	U	
108-88-3-----	Toluene	1	U	
100-41-4-----	Ethylbenzene	1		
1330-20-7-----	Xylene (Total)	1		

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMWXX091802-1
RPMW 141 DUF

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-10C

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

Lab File ID: S1D0999

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/20/02

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

Q

91-20-3-----	Naphthalene	2	J
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM_CORPORATION_____ Contract: _____

XX0918021
RPMW 141 (PUP)

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER_ Lab Sample ID: A1369-10B_____

Level (low/med): MED_____ Date Received: 09/19/02_____

% Solids: _____

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

UG/L

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
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	9.0	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-09A

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

Lab File ID: V3A6505

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/26/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

RPA SAMPLE NO.

RPMW-14D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-09C

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

Lab File ID: S1D0998

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/20/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	2	J
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14D

Lab Name: MITKEM_CORPORATION_____

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1369__

Matrix (soil/water): WATER__

Lab Sample ID: A1369-09B_____

Level (low/med): MED_____

Date Received: 09/19/02_____

% Solids: _____

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

UG/L

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
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	5.6	B		CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

000396

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-15A

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

Lab File ID: V3A6541

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/27/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14D2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-15C

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

Lab File ID: S1D1001

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/20/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	2	J
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo(a)anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-14D2

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-15B_____

Level (low/med): MED____ Date Received: 09/19/02____

% Solids: _____

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

UG/L

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
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	5.0	U		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1383

Matrix: (soil/water) WATER

Lab Sample ID: A1383-07A

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

Lab File ID: V3A6629

Level: (low/med) LOW

Date Received: 09/21/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

71-43-2-----Benzene	1	
108-88-3-----Toluene	21	
100-41-4-----Ethylbenzene	1	
1330-20-7-----Xylene (Total)	7	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15I

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1383
Matrix: (soil/water) WATER Lab Sample ID: A1383-07E
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2C9504
Level: (low/med) LOW Date Received: 09/21/02
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 09/23/02
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/27/02
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 Q

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-151

Lab Name: MITKEM_CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1383

Matrix (soil/water): WATER Lab Sample ID: A1383-07D

Level (low/med): MED Date Received: 09/21/02

% Solids: _____

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

UG/L

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	1100			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	136	J	E	P
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	7.3	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-151

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

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

SDG No.: A1383__

Matrix (soil/water): WATER_____ Lab Sample ID: A1383-07F_____

Level (low/med): MED_____ Date Received: 09/21/02_____

% Solids: _____

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

UG/L

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	35.0	U	~	P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	139	J	E	P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-15I

Mitkem Corporation

Date: 27-Sep-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-15I

Collection Date: 09/20/02 11:53

Lab ID: A1383-07

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.050	mg/L	1	09/21/02 11:00
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	260		20	mg/L CaCO3	1	09/25/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferric Iron	ND		100	mg/L	10	09/21/02 12:00
Ferric Iron	ND		100	mg/L	10	09/21/02 12:00
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferrous Iron	ND		100	mg/L	10	09/21/02 12:00
Ferrous Iron	ND		100	mg/L	10	09/21/02 12:00
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	680		180	mg/L	25	09/23/02 13:41

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

0328

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1390

Matrix: (soil/water) WATER

Lab Sample ID: A1390-07A

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

Lab File ID: V3A6657

Level: (low/med) LOW

Date Received: 09/24/02

% Moisture: not dec. _____

Date Analyzed: 10/02/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-15D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1390

Matrix: (soil/water) WATER Lab Sample ID: A1390-07C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S1D1141

Level: (low/med) LOW Date Received: 09/24/02

% Moisture: decanted: (Y/N) Date Extracted: 09/24/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 09/27/02

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
91-20-3-----	Naphthalene	10	U	
91-57-6-----	2-Methylnaphthalene	10	U	
208-96-8-----	Acenaphthylene	10	U	
83-32-9-----	Acenaphthene	10	U	
132-64-9-----	Dibenzofuran	10	U	
86-73-7-----	Fluorene	10	U	
85-01-8-----	Phenanthrene	10	U	
120-12-7-----	Anthracene	10	U	
206-44-0-----	Fluoranthene	10	U	
129-00-0-----	Pyrene	10	U	
56-55-3-----	Benzo (a) anthracene	10	U	
218-01-9-----	Chrysene	10	U	
205-99-2-----	Benzo (b) fluoranthene	10	U	
207-08-9-----	Benzo (k) fluoranthene	10	U	
50-32-8-----	Benzo (a) pyrene	10	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U	
53-70-3-----	Dibenzo (a,h) anthracene	10	U	
191-24-2-----	Benzo (g,h,i) perylene	10	U	

Mitkem Corporation

Date: 08-Oct-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-15D

Collection Date: 09/23/02 11:25

Lab ID: A1390-07

Matrix: AQUEOUS

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
TOTAL CYANIDE			SW9012B_W			
Cyanide	ND		0.020	mg/L	1	09/25/02 7:00

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

DF - Dilution Factor

Limit - Reporting Limit

0334

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1620

Matrix: (soil/water) WATER Lab Sample ID: A1620-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6C3756

Level: (low/med) LOW Date Received: 11/08/02

% Moisture: not dec. _____ Date Analyzed: 11/20/02

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
75-71-8	Dichlorodifluoromethane	5	U J
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
75-35-4	1,1-Dichloroethene	5	U
67-64-1	Acetone	5	X R
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
1634-04-4	Methyl tert-butyl ether	2	J
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	5	U
78-93-3	2-Butanone	5	X R
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U

FORM I VOA

0030

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1620

Matrix: (soil/water) WATER

Lab Sample ID: A1620-01A

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

Lab File ID: V6C3756

Level: (low/med) LOW

Date Received: 11/08/02

% Moisture: not dec. _____

Date Analyzed: 11/20/02

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
---------	----------	--	---

142-28-9-----	1,3-Dichloropropane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
630-20-6-----	1,1,1,2-Tetrachloroethane	5	U
100-41-4-----	Ethylbenzene	5	U
1330-20-7-----	Xylene (Total)	5	U
100-42-5-----	Styrene	5	U
75-25-2-----	Bromoform	5	U
98-82-8-----	Isopropylbenzene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-86-1-----	Bromobenzene	5	U
96-18-4-----	1,2,3-Trichloropropane	5	U
103-65-1-----	n-Propylbenzene	5	U
95-49-8-----	2-Chlorotoluene	5	U
108-67-8-----	1,3,5-Trimethylbenzene	5	U
106-43-4-----	4-Chlorotoluene	5	U
98-06-6-----	tert-Butylbenzene	5	U
95-63-6-----	1,2,4-Trimethylbenzene	5	U
135-98-8-----	sec-Butylbenzene	5	U
99-87-6-----	4-Isopropyltoluene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
104-51-8-----	n-Butylbenzene	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
87-68-3-----	Hexachlorobutadiene	5	U
91-20-3-----	Naphthalene	5	U
87-61-6-----	1,2,3-Trichlorobenzene	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RPMW-16S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1620

Matrix: (soil/water) WATER

Lab Sample ID: A1620-01A

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

Lab File ID: V6C3756

Level: (low/med) LOW

Date Received: 11/08/02

% Moisture: not dec. _____

Date Analyzed: 11/20/02

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1620

Matrix: (soil/water) WATER

Lab Sample ID: A1620-01I

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

Lab File ID: S1D2175

Level: (low/med) LOW

Date Received: 11/08/02

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

Date Extracted: 11/14/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/22/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo(a)anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

U.S. EPA - CLP

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1620__

Matrix (soil/water): WATER__ Lab Sample ID: A1620-01D_____

Level (low/med): MED__ Date Received: 11/08/02_____

% Solids: _____

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

UG/L

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	76400			P
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	354			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	50.2			P
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium	10200			P
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium	70100			P
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	5.0	U		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE_RPMW-16S_____

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16S

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1620__

Matrix (soil/water): WATER__ Lab Sample ID: A1620-01E_____

Level (low/med): MED____ Date Received: 11/08/02____

% Solids: _____

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

UG/L

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	50.5			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-16S_____

Mitkem Corporation

Date: 26-Nov-02

CLIENT: GEI Consultants, Inc.

Project: Keyspan

Client Sample ID: RPMW-16S

Collection Date: 11/07/02 12:27

Lab ID: A1620-01

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.50	mg/L	10	11/12/02 15:17
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	190		20	mg/L CaCO3	1	11/12/02 16:41
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferrous Iron -- Dissolved	ND		100	mg/L	10	11/08/02 12:32
Ferrous Iron	ND		100	mg/L	10	11/08/02 12:32
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferric Iron -- Dissolved	ND		100	mg/L	10	11/08/02 12:32
Ferric Iron	ND		100	mg/L	10	11/08/02 12:32
PHOSPHATE_TOTAL BY ASCORBIC ACID METH SM4500_PO4_W						
Phosphate (As PO4)	1.5		0.30	mg/L	5	11/25/02 12:35
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	100		70	mg/L	10	11/12/02 16:39

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

0234

LABORATORY TEST RESULTS							
Job Number: 203740	Date: 12/09/2002						
CUSTOMER: Mitkem Corporation	PROJECT: WATER QUALITY ANALYS	ATTN: Ben Dodge					
Customer Sample ID: RPMW-16S Date Sampled.....: 11/07/2002 Time Sampled.....: 12:27 Sample Matrix.....: Water	Laboratory Sample ID: 203740-1 Date Received.....: 11/21/2002 Time Received.....: 10:30						
TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
EPA300.0 PartA	Bromide	0.108		0.050	mg/L	11/22/02	rwe
EPA300.0 PartA	Chloride	96.4		10	mg/L	11/22/02	rwe
EPA300.0 PartA	Sulfate	70.7		20	mg/L	11/22/02	rwe
EPA300.0 PartA	Nitrate as N (NO3-N)	ND	U	0.050	mg/L	11/22/02	rwe
SM18 4500I	Iodide	ND	UJ	0.120	mg/L	12/05/02	rwe
SM18 4500PE	Phosphorous, Total as P	10.4		1.0	mg/L	11/27/02	rwe

* In Description = Dry Wgt.

Page 2



MADEP MA014
RIDOH57
CTDPH 0484
VT DECWSD

NY DOH 10843
NH DES 253901-A
NELAP NY10843



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Fax: (413) 572-3707

STL Billerica
149 Rangeway Rd.
N. Billerica, MA 01862
Tel: (978) 667-1400
Fax: (978) 667-7871

010

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1620

Matrix: (soil/water) WATER

Lab Sample ID: A1620-02A

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

Lab File ID: V6C3757

Level: (low/med) LOW

Date Received: 11/08/02

% Moisture: not dec. _____

Date Analyzed: 11/20/02

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

75-71-8-----	Dichlorodifluoromethane	5	UJ
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	X R
74-88-4-----	Iodomethane	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
108-05-4-----	Vinyl acetate	5	U
78-93-3-----	2-Butanone	5	X R
156-59-2-----	cis-1,2-Dichloroethene	5	U
590-20-7-----	2,2-Dichloropropane	5	U
74-97-5-----	Bromochloromethane	5	U
67-66-3-----	Chloroform	3	J
71-55-6-----	1,1,1-Trichloroethane	5	U
563-58-6-----	1,1-Dichloropropene	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
74-95-3-----	Dibromomethane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U

FORM I VOA

0023

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1620

Matrix: (soil/water) WATER

Lab Sample ID: A1620-02A

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

Lab File ID: V6C3757

Level: (low/med) LOW

Date Received: 11/08/02

% Moisture: not dec. _____

Date Analyzed: 11/20/02

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
---------	----------	--	---

142-28-9-----	1,3-Dichloropropane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
630-20-6-----	1,1,1,2-Tetrachloroethane	5	U
100-41-4-----	Ethylbenzene	5	U
1330-20-7-----	Xylene (Total)	5	U
100-42-5-----	Styrene	5	U
75-25-2-----	Bromoform	5	U
98-82-8-----	Isopropylbenzene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-86-1-----	Bromobenzene	5	U
96-18-4-----	1,2,3-Trichloropropane	5	U
103-65-1-----	n-Propylbenzene	5	U
95-49-8-----	2-Chlorotoluene	5	U
108-67-8-----	1,3,5-Trimethylbenzene	5	U
106-43-4-----	4-Chlorotoluene	5	U
98-06-6-----	tert-Butylbenzene	5	U
95-63-6-----	1,2,4-Trimethylbenzene	5	U
135-98-8-----	sec-Butylbenzene	5	U
99-87-6-----	4-Isopropyltoluene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
104-51-8-----	n-Butylbenzene	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
87-68-3-----	Hexachlorobutadiene	5	U
91-20-3-----	Naphthalene	5	U
87-61-6-----	1,2,3-Trichlorobenzene	5	U

FORM I VOA

0024

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RPMW-16I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1620

Matrix: (soil/water) WATER

Lab Sample ID: A1620-02A

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

Lab File ID: V6C3757

Level: (low/med) LOW

Date Received: 11/08/02

% Moisture: not dec. _____

Date Analyzed: 11/20/02

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1620

Matrix: (soil/water) WATER

Lab Sample ID: A1620-02I

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

Lab File ID: S1D2176

Level: (low/med) LOW

Date Received: 11/08/02

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

Date Extracted: 11/14/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/22/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-16I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1620__

Matrix (soil/water): WATER_____ Lab Sample ID: A1620-02D_____

Level (low/med): MED_____ Date Received: 11/08/02_____

% Solids: _____

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

UG/L

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	122000			P
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	189			P
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese	32.2			P
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium	12100			P
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium	174000			P
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	5.0	U		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TOTAL_METALS_FOR_SAMPLE RPMW-16I_____

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-161

Lab Name: MITKEM CORPORATION _____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1620__

Matrix (soil/water): WATER__ Lab Sample ID: A1620-02E__

Level (low/med): MED__ Date Received: 11/08/02__

% Solids: _____

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

UG/L

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	34.6			P
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				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

DISSOLVED_METALS_FOR_SAMPLE_RPMW-161_____

Mitkem Corporation**Date:** 26-Nov-02**CLIENT:** GEI Consultants, Inc.**Project:** Keyspan**Client Sample ID:** RPMW-16I**Collection Date:** 11/07/02 11:00**Lab ID:** A1620-02

Analyses	Result	Qual	Limit	Units	DF	Date Analyzed
NITROGEN (NITRATE) BY AUTOMATED CD REDU E353.2_NO3						
Nitrate-N	ND		0.50	mg/L	10	11/12/02 15:17
ALKALINITY BY TITRATION METHOD SM2320_W						
Alkalinity, Total (As CaCO3)	160		20	mg/L CaCO3	1	11/12/02 16:41
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE2_W						
Ferrous Iron -- Dissolved	ND		20	mg/L	2	11/08/02 12:32
Ferrous Iron	ND		20	mg/L	2	11/08/02 12:32
FERROUS IRON BY PHENANTHROLINE METHOD SM3500D_FE3_W						
Ferric Iron -- Dissolved	ND		20	mg/L	2	11/08/02 12:32
Ferric Iron	ND		20	mg/L	2	11/08/02 12:32
PHOSPHATE_TOTAL BY ASCORBIC ACID METH SM4500_PO4_W						
Phosphate (As PO4)	0.44		0.060	mg/L	1	11/25/02 12:35
SULFATE BY TURBIDIMETRIC METHOD SM4500_SO4_W						
Sulfate	130		70	mg/L	10	11/12/02 16:39

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

0235

Job Number: 203740

LABORATORY TEST RESULTS

Date: 12/09/2002

CUSTOMER: Mitkem Corporation

PROJECT: WATER QUALITY ANALYS

ATTN: Ben Dodge

Customer Sample ID: RPMW-161
Date Sampled.....: 11/07/2002
Time Sampled.....: 11:00
Sample Matrix.....: Water

Laboratory Sample ID: 203740-2
Date Received.....: 11/21/2002
Time Received.....: 10:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	REPORTING LIMIT	UNITS	DATE	TECH
EPA300.0 PartA	Bromide	1.05		0.050	mg/L	11/22/02	rwe
EPA300.0 PartA	Chloride	389		10	mg/L	11/22/02	rwe
EPA300.0 PartA	Sulfate	86.6		20	mg/L	11/22/02	rwe
EPA300.0 PartA	Nitrate as N (NO3-N)	ND	U	0.050	mg/L	11/22/02	rwe
SM18 4500I	Iodide	ND	UJ	0.120	mg/L	12/05/02	rwe
SM18 4500PE	Phosphorous, Total as P	5.94		1.0	mg/L	11/27/02	rwe

* In Description = Dry Wgt.

Page 3

SEVERN
TRENT
SERVICES

MADEP MA014
RIDOH57
CTDPH 0494
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NH DES 253901-A
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011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-11A

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

Lab File ID: V3A6598

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

Dilution Factor: 100.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

71-43-2-----	Benzene	1500	
108-88-3-----	Toluene	160	
100-41-4-----	Ethylbenzene	4700	
1330-20-7-----	Xylene (Total)	540	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17S

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-11C

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

Lab File ID: S1D1130

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

Injection Volume: 1.0 (uL)

Dilution Factor: 3.0

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

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

91-20-3-----	Naphthalene	270	
91-57-6-----	2-Methylnaphthalene	30	U
208-96-8-----	Acenaphthylene	30	U
83-32-9-----	Acenaphthene	30	U
132-64-9-----	Dibenzofuran	30	U
86-73-7-----	Fluorene	30	U
85-01-8-----	Phenanthrene	30	U
120-12-7-----	Anthracene	30	U
206-44-0-----	Fluoranthene	30	U
129-00-0-----	Pyrene	30	U
56-55-3-----	Benzo (a) anthracene	30	U
218-01-9-----	Chrysene	30	U
205-99-2-----	Benzo (b) fluoranthene	30	U
207-08-9-----	Benzo (k) fluoranthene	30	U
50-32-8-----	Benzo (a) pyrene	30	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	30	U
53-70-3-----	Dibenzo (a, h) anthracene	30	U
191-24-2-----	Benzo (g, h, i) perylene	30	U

I
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17S

Lab Name: MITKEM_CORPORATION..... Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: A1379....

Matrix (soil/water): WATER..... Lab Sample ID: A1379-11D.....

Level (low/med): MED..... Date Received: 09/20/02.....

% Solids:

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

UG/L

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
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	19.4	B		CA

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

.....

.....

.....

.....

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-14A

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

Lab File ID: V3A6605

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

GC Column: RTX-502.2 ID: 0.53 (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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-14C

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

Lab File ID: S1D1089

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/25/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

91-20-3-----	Naphthalene	10	U
91-57-6-----	2-Methylnaphthalene	10	U
208-96-8-----	Acenaphthylene	10	U
83-32-9-----	Acenaphthene	10	U
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	10	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1, 2, 3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a, h) anthracene	10	U
191-24-2-----	Benzo (g, h, i) perylene	10	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

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

SDG No.: A1379

Matrix (soil/water): WATER _____ Lab Sample ID: A1379-14D _____

Level (low/med): MED _____ Date Received: 09/20/02 _____

% Solids: _____

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

UG/L

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
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	6.1	B		CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-12A

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

Lab File ID: V3A6599

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 09/29/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-12C

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

Lab File ID: S1D1087

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/25/02

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
			Q
91-20-3	Naphthalene	10	U
91-57-6	2-Methylnaphthalene	10	U
208-96-8	Acenaphthylene	10	U
83-32-9	Acenaphthene	10	U
132-64-9	Dibenzofuran	10	U
86-73-7	Fluorene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-17D

Lab Name: MITKEM_CORPORATION.

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: A1379 ..

Matrix (soil/water): WATER..

Lab Sample ID: A1379-12D.____

Level (low/med): MED_____

Date Received: 09/20/02_____

% Solids: _____

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

UG/L

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
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	5.2	B		CA

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-18I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-14A

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

Lab File ID: V3A6613

Level: (low/med) LOW

Date Received: 09/19/02

% Moisture: not dec. _____

Date Analyzed: 09/30/02

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

Dilution Factor: 20.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
71-43-2-----	Benzene	38	
108-88-3-----	Toluene	20	U
100-41-4-----	Ethylbenzene	770	
1330-20-7-----	Xylene (Total)	360	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-18I

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1369

Matrix: (soil/water) WATER

Lab Sample ID: A1369-14C

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

Lab File ID: S1D1153

Level: (low/med) LOW

Date Received: 09/19/02

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

Date Extracted: 09/19/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/28/02

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	Q
---------	----------	--	---

91-20-3-----	Naphthalene	3200	
91-57-6-----	2-Methylnaphthalene	200	
208-96-8-----	Acenaphthylene	20	J
83-32-9-----	Acenaphthene	320	
132-64-9-----	Dibenzofuran	200	U
86-73-7-----	Fluorene	55	J
85-01-8-----	Phenanthrene	68	J
120-12-7-----	Anthracene	200	U
206-44-0-----	Fluoranthene	200	U
129-00-0-----	Pyrene	200	U
56-55-3-----	Benzo (a) anthracene	200	U
218-01-9-----	Chrysene	200	U
205-99-2-----	Benzo (b) fluoranthene	200	U
207-08-9-----	Benzo (k) fluoranthene	200	U
50-32-8-----	Benzo (a) pyrene	200	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	200	U
53-70-3-----	Dibenzo (a,h) anthracene	200	U
191-24-2-----	Benzo (g,h,i) perylene	200	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-18I

Lab Name: MITKEM_CORPORATION_____ Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1369__

Matrix (soil/water): WATER__ Lab Sample ID: A1369-14B_____

Level (low/med): MED_____ Date Received: 09/19/02_____

% Solids: _____

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

UG/L

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
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	14.0	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

000400

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-18D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-08A

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

Lab File ID: V3A6644

Level: (low/med) LOW

Date Received: 09/20/02

% Moisture: not dec. _____

Date Analyzed: 10/01/02

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

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

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-18D

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: A1379

Matrix: (soil/water) WATER

Lab Sample ID: A1379-08C

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

Lab File ID: S1D1135

Level: (low/med) LOW

Date Received: 09/20/02

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

Date Extracted: 09/23/02

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/27/02

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
---------	----------	--	---

91-20-3-----	Naphthalene	36	
91-57-6-----	2-Methylnaphthalene	9	J
208-96-8-----	Acenaphthylene	14	
83-32-9-----	Acenaphthene	2	J
132-64-9-----	Dibenzofuran	10	U
86-73-7-----	Fluorene	5	J
85-01-8-----	Phenanthrene	11	
120-12-7-----	Anthracene	2	J
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	1	J
56-55-3-----	Benzo(a)anthracene	10	U
218-01-9-----	Chrysene	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RPMW-18D

Lab Name: MITKEM_CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: A1379

Matrix (soil/water): WATER Lab Sample ID: A1379-08D

Level (low/med): MED Date Received: 09/20/02

% Solids: _____

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

UG/L

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
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	6.6	B		CA

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments: