L1210500002 - Marion County
Sandoval Zinc Company
ILD053980454
Superfund/HRS

EPA Region 5 Records Ctr.
298228

CERCLA
Site Inspection Prioritization Analytical Results

Illinois Environmental Protection Agency

2200 Churchill Road
P. O. Box 19276
Springfield, IL 62794-9276

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SDG Narrative

The enclosed data package is in response to EPA Case No. 23054, SDG No. EAAM5. Under this SDG there are 16 VOA, 16 SVOA and 16 PEST analyses for 14 soil samples which were received at Ceimic Corporation on December 16, 1994 from Region V.

This data package includes the analyses for the following samples from SDG No. EAAM5:

Client ID	Analysis
EAAM5	VOA, SVOA, PEST
EAAM6	VOA, SVOA, PEST
EAAM7 MS/MSD	VOA, SVOA, PEST
EAAM8	VOA, SVOA, PEST
EAAM9	VOA, SVOA, PEST
EAAN1	VOA, SVOA, PEST
EAAN2	VOA, SVOA, PEST
EAAN4	VOA, SVOA, PEST
EAAN5	VOA, SVOA, PEST
EAAN6	VOA, SVOA, PEST
EAAN7	VOA, SVOA, PEST
EAAN8	VOA, SVOA, PEST
EAAN9	VOA, SVOA, PEST
EAAP1	VOA, SVOA, PEST

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536 S. CLARK ST.
CHICAGO, ILLINOIS 60605

The submitted data covers the analyses of the Volatiles (VOA), Semivolatiles (SVOA) and Pesticides (PEST) fractions and their associated blanks and QA/QC. CEIMIC would like to highlight the following points pertaining to the analyses performed for this case:

(2) Instrumentation and Column Identification

The following instruments were used for the analyses:

GC/MS Analysis

A. VOA

MS2: HP5970B GC/MS using 75 m x 0.53 mm ID DB-624 megabore column.

MS5: HP5970B GC/MS using 75 m x 0.53 mm ID HP-624 megabore column.

B. SVOA

MS9: HP5970B GC/MS using 30 m x 0.25 mm ID DB-5 fused silica capillary column.

MS10: HP5970B GC/MS using 30 m x 0.25 mm ID DB-5 fused silica capillary column.

GC Analysis

C. PEST

AD9_1: HP5890II using 30 m x 0.53 mm ID DB-608 megabore column.

AD8_1: HP5890II using 30 m x 0.53 mm ID DB-1701 megabore column.

(3) Sample Information

Additional qualifier: "x"

An "x" qualifier is flagged by Formaster software whenever the data is manually edited.

The letters "M" for GC/MS and "FF" for GC are used on the raw data of the quantitation report whenever a manual integration is performed. These data manipulations are done only to correct for computer integration error.

A. VOA Fraction

The VOA reconstructed ion chromatograms are labelled as:

IS1	Bromochloromethane	IS
IS2	1,4-Difluorobenzene	IS
IS3	Chlorobenzene-d5	IS
SMC1	Toluene-d8	SMC
SMC2	Bromofluorobenzene	SMC
SMC3	1,2-Dichloroethane-d4	SMC

IS = Internal Standard
SMC = System Monitoring Compound

No noncompliances are noted.

B. SVOA Fraction

The SV reconstructed ion chromatograms are labelled as:

IS1	1,4-Dichlorobenzene-d4	IS
IS2	Naphthalene-d8	IS
IS3	Acenaphthene-d10	IS
IS4	Phenanthrene-d10	IS
IS5	Chrysene-d12	IS
IS6	Perylene-d12	IS
S1	Nitrobenzene-d5	SS
S2	2-Fluorobiphenyl	SS
S3	Terphenyl-d14	SS
S4	Phenol-d5	SS
S5	2-Fluorophenol	SS
S6	2,4,6-Tribromophenol	SS
S7	2-Chlorophenol-d4	SS
S8	1,2-Dichlorobenzene-d4	SS

IS = Internal Standard
SS = Surrogate Standard

The Sample EAAN7 (Ceimic ID 941093-11) was re-analyzed because of the poor recovery of the Internal Standard 6. The results from both analyses are included in this package.

The Samples EAAM5, EAAM9, EAAN1, and EAAP1 (Ceimic IDs 941083-01, -05, -06, and -14) were re-extracted out of holding time.

C. Pest Fraction

No noncompliances are noted.

Deviations from the SOW

None other than specified above.

End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Miguel Muzzio, Laboratory Manager

Jan. 19, 1996

Date

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: TEKMIC CORP Contract: 68-D2-0021

Lab Code: TEKMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	EAAM5	104	95	95	0	0
02	EAAM6	106	94	97	0	0
03	EAAM7	111	89	97	0	0
04	EAAM8	108	92	101	0	0
05	EAAM9	107	95	95	0	0
06	EAAN1	109	91	98	0	0
07	EAAN2	106	90	98	0	0
08	EAAN4	104	84	102	0	0
09	EAAN5	104	92	99	0	0
10	EAAN6	104	94	97	0	0
11	EAAN7	124	76	95	0	0
12	EAAN8	110	87	99	0	0
13	EAAN9	108	88	98	0	0
14	EAAP1	127	74	97	0	0
15	EAAP1RE	124	77	97	0	0
16	EAAM7MS	101	96	93	0	0
17	EAAM7MSD	112	87	97	0	0
18	VBLKEN	104	98	94	0	0
19	VBLKEO	101	102	96	0	0
20	VBLKBF	99	98	97	0	0

		QC LIMITS
SMC1 (TOL)	= Toluene-d8	(84-138)
SMC2 (BFB)	= Bromofluorobenzene	(59-113)
SMC3 (DCE)	= 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D3-0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: _____ SDG No.: EAAM5

Matrix Spike - EPA Sample No.: EAAM7 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	69.40	0	57.49	83	59-172
Trichloroethene	69.40	0	69.53	100	62-137
Benzene	69.40	0	63.69	90	66-142
Toluene	69.40	0.9717	65.72	93	59-139
Chlorobenzene	69.40	0	69.06	100	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	69.40	55.99	81	3	22	59-172
Trichloroethene	69.40	65.83	95	5	24	62-137
Benzene	69.40	62.94	91	1	21	66-142
Toluene	69.40	72.22	103	10	21	59-139
Chlorobenzene	69.40	69.71	100	0	21	60-133

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

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKEN

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Lab File ID: EG391 Lab Sample ID: V51219-B1

Date Analyzed: 12/19/94 Time Analyzed: 1347

GC Column: HP-624 ID: 0.530(mm) Heated Purge: (Y/N) Y

Instrument ID: MS5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	EAAM6	941093-02	EG396	1738
02	EAAM7	941093-03	EG397	1814
03	EAAM8	941093-04	EG398	1850
04	EAAM9	941093-05	EG399	1926
05	EAAN1	941093-06	EG400	2002
06	EAAN2	941093-07	EG401	2037
07	EAAN5	941093-09	EG403	2150

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKEO

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Lab File ID: EG413 Lab Sample ID: V51220-B1

Date Analyzed: 12/20/94 Time Analyzed: 1039

GC Column: HP-624 ID: 0.530(mm) Heated Purge: (Y/N) Y

Instrument ID: MS5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	EAAN7	941093-11	EG419	1616
02	EAAN8	941093-12	EG416	1410
03	EAAN9	941093-13	EG417	1446
04	EAAP1	941093-14	EG421	1843
05	EAAP1RE	941093-14RE	EG422	2000
06	EAAM7MS	941093-03MS	EG414	1226
07	EAAM7MSD	941093-03MSD	EG415	1301

COMMENTS:

196

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKBF

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Lab File ID: B0487 Lab Sample ID: V21220-B1

Date Analyzed: 12/20/94 Time Analyzed: 1116

GC Column: DB-624 ID: 0.530(mm) Heated Purge: (Y/N) Y

Instrument ID: MS2

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	EAAM5	941093-01	B0488	1231
02	EAAN4	941093-08	B0489	1308
03	EAAN6	941093-10	B0490	1344

COMMENTS:

197

FORM IV VOA 3/90

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKBF

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: V21220-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0487

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

% Moisture: not dec. Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKBF

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: V21220-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0487

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

% Moisture: not dec. ____ Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKEN

Lab Name: CEIMIC CORP. Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: V51219-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG391

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	2	J
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKEN

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: V51219-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG391

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

% Moisture: not dec. _____ Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: _____

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKEO

Lab Name: CEIMIC CORP Contract: 68-D3-0021

Lab Code: CEIMIC Case No.: 83054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: V51220-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 5G413

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	2	J
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKEO

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: V51220-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG413

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

% Moisture: not dec. ____ Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM5

Lab Name: CEIMIC CORP Contract: 68-D3-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0488

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 36 Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	~~14~~ 8	BJ U MK 2-1-95
67-64-1	Acetone	14	U
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM5

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0488

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 26 Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

208

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM6

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-02

Sample Wt/vol: 5.0 (g/mL) G Lab File ID: EG396

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 26 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	14	BJ U MIR
67-64-1	Acetone	14	BJ U 2+1-95
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM6

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG396

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 26 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM7

Lab Name: CEIMIC CORP Contract: 68-D3-0031

Lab Code: CEIMIC Case No.: 33054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG397

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 29 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	~~14~~	BJU mK 2-1-95
67-64-1	Acetone	14	U
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM7

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG397

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 28 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG398

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 29 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	~~7~~ 14	BJ U
67-64-1	Acetone	~~12~~ 14	BJ U
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

WK 2-1-95

226

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG398

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 29 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM9

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG399

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 34 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	15	U
74-83-9	Bromomethane	15	U
75-01-4	Vinyl Chloride	15	U
75-00-3	Chloroethane	15	U
75-09-2	Methylene Chloride	~~8~~ 15	BJU
67-64-1	Acetone	2 10	BJU
75-15-0	Carbon Disulfide	15	U
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	15	U
540-59-0	1,2-Dichloroethene (total)	15	U
67-66-3	Chloroform	15	U
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	15	U
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-88-3	Toluene	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
100-42-5	Styrene	15	U
1330-20-7	Xylene (total)	15	U

WK 2-1-95

233

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM9

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EB399

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 34 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs Found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

234

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN1

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG400

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 39 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16	U
74-83-9	Bromomethane	16	U
75-01-4	Vinyl Chloride	16	U
75-00-3	Chloroethane	16	U
75-09-2	Methylene Chloride	~~10~~ 16	BJ UMIK 2-7-95
67-64-1	Acetone	75	B
75-15-0	Carbon Disulfide	16	U
75-35-4	1,1-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
540-59-0	1,2-Dichloroethene (total)	16	U
67-66-3	Chloroform	16	U
107-06-2	1,2-Dichloroethane	16	U
78-93-3	2-Butanone	16	U
71-55-6	1,1,1-Trichloroethane	2	J
56-23-5	Carbon Tetrachloride	16	U
75-27-4	Bromodichloromethane	16	U
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
79-01-6	Trichloroethene	16	U
124-48-1	Dibromochloromethane	16	U
79-00-5	1,1,2-Trichloroethane	16	U
71-43-2	Benzene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
75-25-2	Bromoform	16	U
108-10-1	4-Methyl-2-Pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
108-88-3	Toluene	16	U
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
100-42-5	Styrene	16	U
1330-20-7	Xylene (total)	16	U

210

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN1

Lab Name: CEIMIC CORP Contract: 68-D0-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG400

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 39 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

241

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN2

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG401

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 30 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	14	BJ V 4/4 R
67-64-1	Acetone	150	B 2-4-95
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	14	U
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	7	J
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

248

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SAAN2

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG401

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 30 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

249

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN4

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0489

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 22 Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	~~13~~	BJU MIC 2-17-95
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN4

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0489

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 22 Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

257

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN5

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG403

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 16 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12 ~~8~~	BJ U 2/1/95
67-64-1	Acetone	24	BU
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	2	J
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN5

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG403

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 16 Date Analyzed: 12/19/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN6

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0490

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 16 Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	~~12~~ 5	BJ
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

MK 2-1-95

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN6

Lab Name: CEIMIC CORP Contract: 68-D2-0031

Lab Code: CEIMIC Case No.: 33054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B0490

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 16 Date Analyzed: 12/20/94

GC Column: DB-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

271

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN7

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG419

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 30 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	13	BU
67-64-1	Acetone	12 ~~5~~	BJU
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	25	
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

12/24/95

276

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN7

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG419

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 30 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG416

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 24 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	12 ~~12~~	BJ U
67-64-1	Acetone	12 ~~9~~	BJ U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	3	J
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	6	J
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

MLR 2-1-95

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG416

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 24 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN9

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG417

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 20 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	12 ~~8~~	BJU
67-64-1	Acetone	12 ~~5~~	BJU
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	2	J
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

MK 2-1-95

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN9

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG417

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 20 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

294

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAP1

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG421

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 37 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	16	U
74-83-9	Bromomethane	16	U
75-01-4	Vinyl Chloride	16	U
75-00-3	Chloroethane	16	U
75-09-2	Methylene Chloride	16	BU
67-64-1	Acetone	~~16~~	BJU
75-15-0	Carbon Disulfide	16	U
75-35-4	1,1-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
540-59-0	1,2-Dichloroethene (total)	16	U
67-66-3	Chloroform	16	U
107-06-2	1,2-Dichloroethane	16	U
78-93-3	2-Butanone	16	U
71-55-6	1,1,1-Trichloroethane	16	U
56-23-5	Carbon Tetrachloride	16	U
75-27-4	Bromodichloromethane	16	U
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
79-01-6	Trichloroethene	16	U
124-48-1	Dibromochloromethane	16	U
79-00-5	1,1,2-Trichloroethane	16	U
71-43-2	Benzene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
75-25-2	Bromoform	16	U
108-10-1	4-Methyl-2-Pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
108-88-3	Toluene	39	
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
100-42-5	Styrene	16	U
1330-20-7	Xylene (total)	16	U

MK 2-4-95

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAP1

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG421

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 37 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.520 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAP1RE

Lab Name: CEIMIC CORP Contract: 68-D0-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAME

Matrix: (soil/water) SOIL Lab Sample ID: 941093-14RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG422

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 37 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16	U
74-83-9	Bromomethane	16	U
75-01-4	Vinyl Chloride	16	U
75-00-3	Chloroethane	16	U
75-09-2	Methylene Chloride	~~12~~ 16	BJU
67-64-1	Acetone	~~7~~ 16	BJU
75-15-0	Carbon Disulfide	16	U
75-35-4	1,1-Dichloroethene	16	U
75-34-3	1,1-Dichloroethane	16	U
540-59-0	1,2-Dichloroethene (total)	16	U
67-66-3	Chloroform	16	U
107-06-2	1,2-Dichloroethane	16	U
78-93-3	2-Butanone	16	U
71-55-6	1,1,1-Trichloroethane	16	U
56-23-5	Carbon Tetrachloride	16	U
75-27-4	Bromodichloromethane	16	U
78-87-5	1,2-Dichloropropane	16	U
10061-01-5	cis-1,3-Dichloropropene	16	U
79-01-6	Trichloroethene	16	U
124-48-1	Dibromochloromethane	16	U
79-00-5	1,1,2-Trichloroethane	16	U
71-43-2	Benzene	16	U
10061-02-6	trans-1,3-Dichloropropene	16	U
75-25-2	Bromoform	16	U
108-10-1	4-Methyl-2-Pentanone	16	U
591-78-6	2-Hexanone	16	U
127-18-4	Tetrachloroethene	16	U
79-34-5	1,1,2,2-Tetrachloroethane	16	U
108-88-3	Toluene	31	
108-90-7	Chlorobenzene	16	U
100-41-4	Ethylbenzene	16	U
100-42-5	Styrene	16	U
1330-20-7	Xylene (total)	16	U

MK 2-1-95

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAP1RE

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-14RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EG422

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: not dec. 37 Date Analyzed: 12/20/94

GC Column: HP-624 ID: 0.530 (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/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

310

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: [illegible] Contract: [illegible]

Lab Code: [illegible] Case No.: [illegible] SAS No.: SDG No.: [illegible]

Matrix: SOIL Level: LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	S7 (2CP)#	S8 (DCB)#	TOT OUT
01	[illegible]	60	71	100	71	59	85	64	62	0
02	[illegible]	62	62	73	52	53	70	70	53	0
03	[illegible]	66	72	69	63	57	56	61	71	0
04	[illegible]	73	77	122	63	45	46	70	65	0
05	EAAM9	53	57	61	39	50	60	57	53	0
06	EAAN1	66	76	75	64	66	74	77	67	0
07	EAAN2	73	80	95	71	63	60	70	71	0
08	[illegible]	75	70	98	66	71	66	66	70	0
09	[illegible]	74	70	85	43	42	77	77	67	0
10	[illegible]	61	63	[illegible]	51	[illegible]	[illegible]	61	63	0
11	[illegible]	[illegible]	[illegible]	103	64	77	85	[illegible]	57	0
12	[illegible]	76	67	105	64	65	82	72	55	0
13	EAAN3	76	79	93	64	61	65	63	67	0
14	EAAN4	58	64	74	57	50	75	70	59	0
15	EAAP1	72	78	121	73	56	92	71	64	0
16	EAAN7MS	74	72	93	50	41	83	61	68	0
17	EAAN7MSD	62	89	105	63	43	20	55	76	0
18	SBLKJQ	65	71	91	76	56	50	69	63	0
19	SBLKIR	62	74	70	58	56	79	62	67	0
20	SBLKIS	62	66	60	64	58	73	66	61	0
21	SBLKJA	57	55	97	50	47	81	53	56	0

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(23-120)	
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)	
S3 (TPH)	= Terphenyl-d14	(18-137)	
S4 (PHL)	= Phenol-d5	(24-113)	
S5 (2FP)	= 2-Fluorophenol	(25-121)	
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)	
S7 (2CP)	= 2-Chlorophenol-d4	(20-130)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(20-130)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-2 3/90

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Contract: 13-D2-0021

SDG No.: EAAM5

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	3370	0	1640	49	26- 90
2-Chlorophenol	3370	0	1543	46	25-102
1,4-Dichlorobenzene	3350	0	1707	50	28-104
N-Nitroso-di-n-prop. (1)	3350	0	1151	51	41-126
1,2,4-Trichlorobenzene	3350	0	1591	71	38-107
4-Chloro-3-meth.phenol	3370	0	1463	43	26-103
Acenaphthene	3350	0	1553	50	31-137
2,4-Dinitrophenol	3370	0	2891	86	11-114
4-Nitrophenol	3350	0	1770	70	30- 99
2,4-Dinitrotoluene	3370	0	2107	63	47-109
Pyrene	3350	0	1974	58	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	3390	1911	56	12	35	26- 90
2-Chlorophenol	3390	1755	52	12	50	25-102
1,4-Dichlorobenzene	3360	1537	68	16	27	28-104
N-Nitroso-di-n-prop. (1)	3360	1332	59	15	38	41-126
1,2,4-Trichlorobenzene	3360	1798	80	12	23	38-107
4-Chloro-3-methylphenol	3390	1444	42	0	33	26-103
Acenaphthene	3360	1824	81	16	19	31-137
2,4-Dinitrophenol	3390	3736	110	24	50	11-114
4-Nitrophenol	3360	1915	85	7	47	28- 89
2,4-Dinitrotoluene	3390	3678	79	19	47	17-109
Pyrene	3360	3391	101	14	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

COMMENTS:

1B

SEMIVOLATILE METHOD BLANK SUMMARY

CDP SAMPLE NO.

SBLKJB

Name: [illegible] CORP Contract: 68-D0-0021

Lab Name: [illegible] Case No.: [illegible] SAS No.: SDG No.: 5AAMF

Matrix: [illegible] Lab Sample ID: 01222-B2

Instrument ID: [illegible] Date Extracted: 12/22/94

Matrix: (Soil/Water) SOIL Date Analyzed: 01/11/95

Level: (Low/Med) LOW Time Analyzed: 1251

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

CDP SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
[illegible]5AAM4	[illegible]	JB687	01/10/95
[illegible]	[illegible]	[illegible]	01/10/95
[illegible]	[illegible]	[illegible]	01/10/95
[illegible]	[illegible]	[illegible]	01/10/95
[illegible]5AN4	941093-08	JB693	01/10/95
[illegible]5AN5	941093-09	JB678	01/10/95
07:5AN6	941093-10	JB679	01/10/95
08:5AN7	941093-11	JB700	01/11/95
09:5AN7RE	941093-11RE	JB762	01/15/95
10:5AN8	941093-12	JB694	01/11/95
11:5AN9	941093-13	JB702	01/11/95
12:5AAN7MS	941093-03MS	JB689	01/10/95
13:5AAN7MSD	941093-03MSD	JB690	01/10/95

COMMENTS:

D

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKIC

Name: TEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: P3054 SAS No.: SDG No.: EAAY5

Matrix: (soil/water) SOIL Lab Sample ID: 9011J-B1

Sample wt/vol: 30.0 (g/ml) LOW Date Extracted: 01/13/95

Date Analyzed: 01/14/95

Time Analyzed: 1256

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
[illegible]	9410[illegible]-01	I3607	01/14/95
[illegible]	9410[illegible]-13	I3608	01/14/95

COMMENTS: 9011J-B3
METHOD BLANK SBLKIS

397

FORM IV SV 3/90

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKIC

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 27954 SAS No.: SDG No.: SAAM5

Matrix (soil/water): SOIL Lab Sample ID: 90114-B3

Sample wt/vol: 30.0 (g/ml) G Lab File ID: B621

Level (low/med): LOW Date Extracted: 01/14/95

Concentration Units (ug/L or ug/kg): UG/KG Date Analyzed: 01/15/95

Instrument ID: MS9 Time Analyzed: 1559

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SAAM9	941007-05	B622	01/15/95

COMMENTS: 90114-B3
METHOD BLANK SBLKIC

398

FORM IV SV 3/90

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLKJA

Name: [illegible] Contract: 68-D2-0021

Lab Name: [illegible] Case No.: 23054 SAS No.: SDG No.: SAAM5

Lab File ID: JB799 Lab Sample ID: SB116-B1

Instrument ID: M910 Date Extracted: 01/16/95

Matrix: (soil/water) SOIL Date Analyzed: 01/17/95

Level: (low/med) LOW Time Analyzed: 1649

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
[illegible]PAP1	941093-14	JB846	01/19/95

COMMENTS: 941093-11
EPA SAAN7 SOIL % UL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK10

Name: SEIMIC CORP Contract: 68-D2-0031

Lab Code: SEIMIC Case No.: 22054 SAS No.: SDG No.: EAAM5

Matrix: (Soil/Water) SOIL Lab Sample ID: 31222-B2

Sample Wt/Vol: 30.0 (g/mL) G Lab File ID: J0698

Level: (Low/Med) LOW Date Received:

% Moisture: not decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.2

CAS NO.	SYNONYM	CONCENTRATION UNITS: ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3BLKJC

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: 5AAM5

Matrix: (soil/water) SOIL Lab Sample ID: 01222-B2

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JB698

Level: (low/med) LOW Date Received:

% Moisture: Decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 3.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-Methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
86-74-8	Carbazole	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenzo(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1/19/95
998

999

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SDLKJ0

Name: [illegible] Contract: [illegible]

Lab Code: [illegible] Case No.: [illegible] SAS No.: SDG No.: [illegible]

Matrix: (soil/water) SOIL Lab Sample ID: [illegible]

Sample wt/vol: [illegible] (g/mL) G Lab File ID: [illegible]

Level: (low/med) LOW Date Received:

% Moisture: Decanted: (Y/N) N Date Extracted: [illegible]

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: [illegible]

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. [illegible]	Unknown	5.45	200	J
2. [illegible]	3-Penten-2-one, 4-methyl-	5.54	300	AJN
3. [illegible]	Unknown	5.70	400	J
4. [illegible]	Unknown	5.96	67	J
5. [illegible]	2-Pentanone, 4-hydroxy-4-met	6.48	40000	AJN
6. [illegible]	Unknown alcohol	6.82	330	J
7. [illegible]	Unknown	7.51	400	J
8. [illegible]	Unknown	7.84	170	J
9. [illegible]	Unknown	7.95	400	J
10. [illegible]	Cyclohexane, 1-methyl-2-prop	8.13	170	JN
11. [illegible]	Unknown	10.96	300	J

999

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK18

Name: SEIMIC CORP Contract: 68-D2-0021

Lab Code: SEIMIC Case No.: 23054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: S0113-B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: IB606

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKIR

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 13054 SAS No.: SDG No.: SAAME

Matrix: (soil/water) SOIL Lab Sample ID: S0113-B1

Sample wt/vol: 30.0 (g/ml) G Lab File ID: D3606

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-Methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
86-74-8	Carbazole	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenzo(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1015

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKIP

Lab Name: TEKNIKRON Contract: 68-D2-0081

Lab Code: TEKNIK Case No.: 22054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 30113-B1

Sample wt/vol: 30.0 (g/ml) G Lab File ID: I3306

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 141797	3-Penten-2-one, 4-methyl-	4.84	870	AJN
2. 123422	2-Pentanone, 4-hydroxy-4-met	5.99	53000	AJN
3. 000000	Unknown	7.24	100	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLK18

Lab Name: [illegible] Contract: 68-D2-0021

Lab Code: [illegible] Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 50114-B3

Sample wt/vol: 30.0 (g/mL) G Lab File ID: [illegible]D621

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/14/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

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/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

1023

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLKIS

Lab Name: CEIMIC CORP Contract: 68-D0-0021

Lab Code: CEIMIC Case No.: 73054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 80114-B3

Sample wt/vol: 30.0 (g/mL) G Lab File ID: IB681

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/14/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-Methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
86-74-8	Carbazole	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenzo(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1024

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CBLK15

Lab Name: CHEMIC CORP Contract: 68-D0-0021

Lab Code: CHEMIC Case No.: 30354 SAS No.: SDG No.: SAAM5

Matrix (Soil/Water) SOIL Lab Sample ID: 30114-B3

Sample wt/vol: 30.0 (g/mL) G Lab File ID: I2621

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/14/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 141797	3-Penten-2-one, 4-methyl-	4.86	230	AJN
2. 123422	2-Pentanone, 4-hydroxy-4-met	5.05	57000	AJN

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

IPS SAMPLE NO.

SBLK3A

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: S0116-B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B799

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/16/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/17/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-Di-n-Propylamine	330	U
67-72-	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethyl Phthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKJA

Lab Name: SEIMIC CORP Contract: 68-D2-0021

Lab Code: SEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 50116-B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JB799

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Extracted: 01/16/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/17/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-Methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-Butylphthalate	330	U
206-44-0	Fluoranthene	330	U
86-74-8	Carbazole	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)Phthalate	330	U
117-84-0	Di-n-Octyl Phthalate	330	U
205-99-2	Benzo(b)Fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenzo(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1032

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM5

Lab Name: SEIMIC CORP Contract: 68-D3-0021

Lab Code: SEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-01

Sample wt/vol: 30.2 (g/mL) G Lab File ID: IB607

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 25 decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 230.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	440	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
84-74-2	Di-n-Butylphthalate	440	U
206-44-0	Fluoranthene	440	U
86-74-8	Carbazole	440	U
129-00-0	Pyrene	440	U
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	440	U
56-55-3	Benzo(a)Anthracene	440	U
218-01-9	Chrysene	49	J
117-81-7	bis(2-Ethylhexyl)Phthalate	440	U
117-84-0	Di-n-Octyl Phthalate	440	U
205-99-2	Benzo(b)Fluoranthene	440	U
207-08-9	Benzo(k)Fluoranthene	440	U
50-32-8	Benzo(a)Pyrene	440	U
193-39-5	Indeno(1,2,3-cd)Pyrene	440	U
53-70-3	Dibenzo(a,h)Anthracene	440	U
191-24-2	Benzo(g,h,i)Perylene	440	U

(1) - Cannot be separated from Diphenylamine

15

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM5

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-01

Sample wt/vol: 30.2 (g/mL) G Lab File ID: IB607

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 35 decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.75	2300	J
2.	Unknown	5.27	570	J
3. 123422	2-Pentanone, 4-hydroxy-4-met	5.84	43000	ABJN
4.	Unknown	6.78	130	J
5.	Unknown	6.83	130	J
6.	Aliphatic hydrocarbon	16.65	220	J
7. 57103	Hexadecanoic acid	18.87	440	JN
8.	Unknown	26.46	880	J
9.	Unknown steroid	27.17	2800	J
10.	Unknown steroid	28.77	660	J
11.	Unknown	30.35	1400	J

VMK 2-2-95

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM6

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-02

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JB687

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 28 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	450	U
111-44-4	bis(2-Chloroethyl)Ether	450	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
106-46-7	1,4-Dichlorobenzene	450	U
95-50-1	1,2-Dichlorobenzene	450	U
95-48-7	2-Methylphenol	450	U
108-60-1	2,2'-oxybis(1-Chloropropane)	450	U
106-44-5	4-Methylphenol	450	U
621-64-7	N-Nitroso-Di-n-Propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
111-91-1	bis(2-Chloroethoxy)Methane	450	U
120-83-2	2,4-Dichlorophenol	450	U
120-82-1	1,2,4-Trichlorobenzene	450	U
91-20-3	Naphthalene	68	J
106-47-8	4-Chloroaniline	450	U
87-68-3	Hexachlorobutadiene	450	U
59-50-7	4-Chloro-3-Methylphenol	450	U
91-57-6	2-Methylnaphthalene	89	J
77-47-4	Hexachlorocyclopentadiene	450	U
88-06-2	2,4,6-Trichlorophenol	450	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	450	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl Phthalate	450	U
208-96-8	Acenaphthylene	450	U
606-20-2	2,6-Dinitrotoluene	450	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	450	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM6

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-02

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JB687

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 28 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	450	U
121-14-2	2,4-Dinitrotoluene	450	U
84-66-2	Diethylphthalate	450	U
7005-72-3	4-Chlorophenyl-phenylether	450	U
86-73-7	Fluorene	450	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	450	U
101-55-3	4-Bromophenyl-phenylether	450	U
118-74-1	Hexachlorobenzene	450	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	84	J
120-12-7	Anthracene	450	U
84-74-2	Di-n-Butylphthalate	450	U
206-44-0	Fluoranthene	450	U
86-74-8	Carbazole	450	U
129-00-0	Pyrene	450	U
85-68-7	Butylbenzylphthalate	450	U
91-94-1	3,3'-Dichlorobenzidine	450	U
56-55-3	Benzo(a)Anthracene	450	U
218-01-9	Chrysene	450	U
117-81-7	bis(2-Ethylhexyl)Phthalate	570	
117-84-0	Di-n-Octyl Phthalate	450	U
205-99-2	Benzo(b)Fluoranthene	450	U
207-08-9	Benzo(k)Fluoranthene	450	U
50-32-8	Benzo(a)Pyrene	450	U
193-39-5	Indeno(1,2,3-cd)Pyrene	450	U
53-70-3	Dibenzo(a,h)Anthracene	450	U
191-24-2	Benzo(g,h,i)Perylene	450	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM6

Lab Name: CEIMIC CORP Contract: 68-D3-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-02

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB687

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 28 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Performed: (Y/N) Y pH: 6.2

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

Number TICs found: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.71	410	J
2.	Unknown	4.85	1400	J
3.	C6H10O isomer	5.06	730	J
4.	C6H12O isomer	5.20	370	J
5.	C5H8O isomer	5.33	370	J
6.	Unknown	5.44	2800	J
7. 141797	3-Penten-2-one, 4-methyl-	5.55	3100	ABJN
8.	Unknown	6.06	1800	J
9. 123422	2-Pentanone, 4-hydroxy-4-met	6.53	78000	ABJN
10.	Unknown	6.80	270	J
11.	Unknown	7.52	2800	J
12.	Unknown	7.64	500	J
13.	C4-Cyclohexane isomer	8.13	320	J
14.	Aliphatic hydrocarbon	17.25	320	J
15.	Aliphatic hydrocarbon	24.07	780	J
16.	Unknown	27.64	920	J
17.	Unknown	27.94	960	J
18.	Unknown steroid	28.46	780	J
19.	Unknown	30.37	870	J
20.	Unknown	31.09	1800	J
21.	Unknown	32.28	5000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM7

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-03

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JB688

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 27 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	450	U
111-44-4	bis(2-Chloroethyl)Ether	450	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
106-46-7	1,4-Dichlorobenzene	450	U
95-50-1	1,2-Dichlorobenzene	450	U
95-48-7	2-Methylphenol	450	U
108-60-1	2,2'-oxybis(1-Chloropropane)	450	U
106-44-5	4-Methylphenol	450	U
621-64-7	N-Nitroso-Di-n-Propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
111-91-1	bis(2-Chloroethoxy)Methane	450	U
120-83-2	2,4-Dichlorophenol	450	U
120-82-1	1,2,4-Trichlorobenzene	450	U
91-20-3	Naphthalene	450	U
106-47-8	4-Chloroaniline	450	U
87-68-3	Hexachlorobutadiene	450	U
59-50-7	4-Chloro-3-Methylphenol	450	U
91-57-6	2-Methylnaphthalene	450	U
77-47-4	Hexachlorocyclopentadiene	450	U
88-06-2	2,4,6-Trichlorophenol	450	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	450	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl Phthalate	450	U
208-96-8	Acenaphthylene	450	U
606-20-2	2,6-Dinitrotoluene	450	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	450	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM7

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-03

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JB688

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 27 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	450	U
121-14-2	2,4-Dinitrotoluene	450	U
84-66-2	Diethylphthalate	450	U
7005-72-3	4-Chlorophenyl-phenylether	450	U
86-73-7	Fluorene	450	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	450	U
101-55-3	4-Bromophenyl-phenylether	450	U
118-74-1	Hexachlorobenzene	450	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	55	J
120-12-7	Anthracene	450	U
84-74-2	Di-n-Butylphthalate	450	U
206-44-0	Fluoranthene	450	U
86-74-8	Carbazole	450	U
129-00-0	Pyrene	450	U
85-68-7	Butylbenzylphthalate	450	U
91-94-1	3,3'-Dichlorobenzidine	450	U
56-55-3	Benzo(a)Anthracene	450	U
218-01-9	Chrysene	450	U
117-81-7	bis(2-Ethylhexyl)Phthalate	450	U
117-84-0	Di-n-Octyl Phthalate	450	U
205-99-2	Benzo(b)Fluoranthene	450	U
207-08-9	Benzo(k)Fluoranthene	450	U
50-32-8	Benzo(a)Pyrene	450	U
193-39-5	Indeno(1,2,3-cd)Pyrene	450	U
53-70-3	Dibenzo(a,h)Anthracene	450	U
191-24-2	Benzo(g,h,i)Perylene	450	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM7

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-03

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JB688

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 27 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.84	1200	J
2.	C6H10O isomer	5.06	910	J
3.	Unknown	5.21	460	J
4.	Unknown	5.47	2800	J
5. 141797	3-Penten-2-one, 4-methyl-	5.53	3100	ABJN
6.	Unknown	5.99	1600	J
7. 123422	2-Pentanone, 4-hydroxy-4-met	6.50	86000	ABJN
8.	Unknown	6.79	320	J
9.	Unknown	7.51	2600	J
10.	Unknown	7.60	730	J
11.	Unknown	7.83	410	J
12.	C10H20 alicyclic compound	8.12	640	J
13.	Aliphatic hydrocarbon	17.24	270	J
14.	Aliphatic hydrocarbon	24.06	820	J
15.	Aliphatic hydrocarbon	25.51	550	J
16.	Unknown	27.24	2400	J
17.	Unknown	27.61	1300	J
18.	Unknown	27.92	910	J
19.	Unknown steroid	28.44	640	J
20.	Unknown	31.95	730	J
21.	Unknown	32.24	3100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB691

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 34 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	500	U
111-44-4	bis(2-Chloroethyl)Ether	500	U
95-57-8	2-Chlorophenol	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
95-50-1	1,2-Dichlorobenzene	500	U
95-48-7	2-Methylphenol	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	500	U
106-44-5	4-Methylphenol	500	U
621-64-7	N-Nitroso-Di-n-Propylamine	500	U
67-72-1	Hexachloroethane	500	U
98-95-3	Nitrobenzene	500	U
78-59-1	Isophorone	500	U
88-75-5	2-Nitrophenol	500	U
105-67-9	2,4-Dimethylphenol	500	U
111-91-1	bis(2-Chloroethoxy)Methane	500	U
120-83-2	2,4-Dichlorophenol	500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
91-20-3	Naphthalene	500	U
106-47-8	4-Chloroaniline	500	U
87-68-3	Hexachlorobutadiene	500	U
59-50-7	4-Chloro-3-Methylphenol	500	U
91-57-6	2-Methylnaphthalene	500	U
77-47-4	Hexachlorocyclopentadiene	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	500	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethyl Phthalate	500	U
208-96-8	Acenaphthylene	500	U
606-20-2	2,6-Dinitrotoluene	500	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	500	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB691

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 34 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	500	U
121-14-2	2,4-Dinitrotoluene	500	U
84-66-2	Diethylphthalate	500	U
7005-72-3	4-Chlorophenyl-phenylether	500	U
86-73-7	Fluorene	500	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	500	U
101-55-3	4-Bromophenyl-phenylether	500	U
118-74-1	Hexachlorobenzene	500	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	60	J
120-12-7	Anthracene	500	U
84-74-2	Di-n-Butylphthalate	500	U
206-44-0	Fluoranthene	86	J
86-74-8	Carbazole	500	U
129-00-0	Pyrene	81	J
85-68-7	Butylbenzylphthalate	500	U
91-94-1	3,3'-Dichlorobenzidine	500	U
56-55-3	Benzo(a)Anthracene	500	U
218-01-9	Chrysene	60	J
117-81-7	bis(2-Ethylhexyl)Phthalate	500	U
117-84-0	Di-n-Octyl Phthalate	500	U
205-99-2	Benzo(b)Fluoranthene	72	J
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) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-04

Sample wt/vol. 30.2 (g/mL) G Lab File ID: JB691

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 34 Decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.82	1500	J
2.	C6H10O isomer	5.05	2300	J
3.	Unknown	5.19	1200	J
4.	Unknown	5.47	17000	J
5.	Unknown	5.97	5500	J
6. 123422	2-Pentanone, 4-hydroxy-4-met	6.57	130000	ABJN
7.	Unknown	6.78	600	J
8.	Unknown	7.53	12000	J
9.	Unknown	8.02	850	J
10.	Unknown alcohol	22.06	650	J
11.	Aliphatic hydrocarbon	22.95	1200	J
12.	Aliphatic hydrocarbon	24.06	2800	J
13.	Aliphatic hydrocarbon	25.51	1100	J
14.	Unknown	27.20	4600	J
15.	Unknown	27.59	1300	J
16.	Unknown	27.90	900	J
17.	Unknown steroid	28.41	2400	J
18.	Unknown	28.97	1800	J
19.	Unknown	30.32	900	J
20.	Unknown	31.90	2300	J
21.	Unknown	32.22	4900	J

MK 2-2-95

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM9

Lab Name: CEIMIC CORP Contract: 68-D2-0021

CLP Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-05

Sample wt/vol: 30.3 (g/mL) G Lab File ID: IB622

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 37 decanted: (Y/N) N Date Extracted: 01/14/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	520	U
111-44-4	bis(2-Chloroethyl)Ether	520	U
95-57-8	2-Chlorophenol	520	U
541-73-1	1,3-Dichlorobenzene	520	U
106-46-7	1,4-Dichlorobenzene	520	U
95-50-1	1,2-Dichlorobenzene	520	U
95-48-7	2-Methylphenol	520	U
108-60-1	2,2'-oxybis(1-Chloropropane)	520	U
106-44-5	4-Methylphenol	520	U
621-64-7	N-Nitroso-Di-n-Propylamine	520	U
67-72-1	Hexachloroethane	520	U
98-95-3	Nitrobenzene	520	U
78-59-1	Isophorone	520	U
88-75-5	2-Nitrophenol	520	U
105-67-9	2,4-Dimethylphenol	520	U
111-91-1	bis(2-Chloroethoxy)Methane	520	U
120-83-2	2,4-Dichlorophenol	520	U
120-82-1	1,2,4-Trichlorobenzene	520	U
91-20-3	Naphthalene	520	U
106-47-8	4-Chloroaniline	520	U
87-68-3	Hexachlorobutadiene	520	U
59-50-7	4-Chloro-3-Methylphenol	520	U
91-57-6	2-Methylnaphthalene	520	U
77-47-4	Hexachlorocyclopentadiene	520	U
88-06-2	2,4,6-Trichlorophenol	520	U
95-95-4	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	520	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethyl Phthalate	520	U
208-96-8	Acenaphthylene	520	U
606-20-2	2,6-Dinitrotoluene	520	U
99-09-2	3-Nitroaniline	1300	U
83-32-9	Acenaphthene	520	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM9

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-05

Sample wt/vol: 30.3 (g/mL) G Lab File ID: IB622

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 37 decanted: (Y/N) N Date Extracted: 01/14/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1300	U
100-02-7	4-Nitrophenol	1300	U
132-64-9	Dibenzofuran	520	U
121-14-2	2,4-Dinitrotoluene	520	U
84-66-2	Diethylphthalate	520	U
7005-72-3	4-Chlorophenyl-phenylether	520	U
86-73-7	Fluorene	520	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-Methylphenol	1300	U
86-30-6	N-Nitrosodiphenylamine (1)	520	U
101-55-3	4-Bromophenyl-phenylether	520	U
118-74-1	Hexachlorobenzene	520	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	520	U
120-12-7	Anthracene	520	U
84-74-2	Di-n-Butylphthalate	520	U
206-44-0	Fluoranthene	520	U
86-74-8	Carbazole	520	U
129-00-0	Pyrene	520	U
85-68-7	Butylbenzylphthalate	520	U
91-94-1	3,3'-Dichlorobenzidine	520	U
56-55-3	Benzo(a)Anthracene	520	U
218-01-9	Chrysene	520	U
117-81-7	bis(2-Ethylhexyl)Phthalate	520	U
117-84-0	Di-n-Octyl Phthalate	520	U
205-99-2	Benzo(b)Fluoranthene	520	U
207-08-9	Benzo(k)Fluoranthene	520	U
50-32-8	Benzo(a)Pyrene	520	U
193-39-5	Indeno(1,2,3-cd)Pyrene	520	U
53-70-3	Dibenzo(a,h)Anthracene	520	U
191-24-2	Benzo(g,h,i)Perylene	520	U

(1) - Cannot be separated from Diphenylamine

15

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAM9

Lab Name: ECOMIC CORP Contract: 68-D2-0021

Lab Code: ECOMIC Case No.: 22054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: IB622

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 37 Decanted: (Y/N) N Date Extracted: 01/14/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7

Number TICs Found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	141797	3-Penten-2-one, 4-methyl-	4.83	680	ABJN
2.	123422	2-Pentanone, 4-hydroxy-4-met	5.96	73000	ABJN
3.		Aliphatic hydrocarbon	22.46	160	J
4.		Unknown aldehyde	23.14	100	J
5.		Aliphatic hydrocarbon	23.43	730	J
6.		Aliphatic hydrocarbon	24.71	310	J
7.		Unknown	26.10	160	J
8.		Unknown	26.39	520	J
9.		Unknown	26.66	310	J
10.		Unknown	27.07	470	J
11.		Unknown	28.70	160	J
12.		Unknown	29.97	580	J
13.		Unknown	30.24	1800	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN1

Lab Name: OSIMIC CORP Contract: 68-D2-0021

GC/MS Name: OSIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-06

Sample wt/vol: 30.1 (g/mL) G Lab File ID: IB608

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 47 decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	620	U
111-44-4	bis(2-Chloroethyl)Ether	620	U
95-57-8	2-Chlorophenol	620	U
541-73-1	1,3-Dichlorobenzene	620	U
106-46-7	1,4-Dichlorobenzene	620	U
95-50-1	1,2-Dichlorobenzene	620	U
95-48-7	2-Methylphenol	620	U
108-60-1	2,2'-oxybis(1-Chloropropane)	620	U
106-44-5	4-Methylphenol	620	U
621-64-7	N-Nitroso-Di-n-Propylamine	620	U
67-72-1	Hexachloroethane	620	U
98-95-3	Nitrobenzene	620	U
78-59-1	Isophorone	620	U
88-75-5	2-Nitrophenol	620	U
105-67-9	2,4-Dimethylphenol	620	U
111-91-1	bis(2-Chloroethoxy)Methane	620	U
120-83-2	2,4-Dichlorophenol	620	U
120-82-1	1,2,4-Trichlorobenzene	620	U
91-20-3	Naphthalene	620	U
106-47-8	4-Chloroaniline	620	U
87-68-3	Hexachlorobutadiene	620	U
59-50-7	4-Chloro-3-Methylphenol	620	U
91-57-6	2-Methylnaphthalene	620	U
77-47-4	Hexachlorocyclopentadiene	620	U
88-06-2	2,4,6-Trichlorophenol	620	U
95-95-4	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	620	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethyl Phthalate	620	U
208-96-8	Acenaphthylene	620	U
606-20-2	2,6-Dinitrotoluene	620	U
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	620	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN1

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-06

Sample wt/vol: 30.1 (g/mL) G Lab File ID: IB608

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 47 decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	1500	U
132-64-9	Dibenzofuran	620	U
121-14-2	2,4-Dinitrotoluene	620	U
84-66-2	Diethylphthalate	620	U
7005-72-3	4-Chlorophenyl-phenylether	620	U
86-73-7	Fluorene	620	U
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-Methylphenol	1500	U
86-30-6	N-Nitrosodiphenylamine (1)	620	U
101-55-3	4-Bromophenyl-phenylether	620	U
118-74-1	Hexachlorobenzene	620	U
87-86-5	Pentachlorophenol	1500	U
85-01-8	Phenanthrene	620	U
120-12-7	Anthracene	620	U
84-74-2	Di-n-Butylphthalate	620	U
206-44-0	Fluoranthene	620	U
86-74-8	Carbazole	620	U
129-00-0	Pyrene	620	U
85-68-7	Butylbenzylphthalate	620	U
91-94-1	3,3'-Dichlorobenzidine	620	U
56-55-3	Benzo(a)Anthracene	620	U
218-01-9	Chrysene	620	U
117-81-7	bis(2-Ethylhexyl)Phthalate	620	U
117-84-0	Di-n-Octyl Phthalate	620	U
205-99-2	Benzo(b)Fluoranthene	620	U
207-08-9	Benzo(k)Fluoranthene	620	U
50-32-8	Benzo(a)Pyrene	620	U
193-39-5	Indeno(1,2,3-cd)Pyrene	620	U
53-70-3	Dibenzo(a,h)Anthracene	620	U
191-24-2	Benzo(g,h,i)Perylene	620	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SAAN1

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941092-06

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 13608

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 47 Decanted: (Y/N) N Date Extracted: 01/13/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/14/95

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.7

CONCENTRATION UNITS:
Number TICs found: 21 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.80	10000	J
2.	Unknown	5.29	8700	J
3. 123422	2-Pentanone, 4-hydroxy-4-met	5.83	75000	ABJN
4.	Unknown	6.80	560	J
5.	Unknown	6.85	1000	J
6. 57102	Hexadecanoic acid	18.06	630	AJN
7.	Aliphatic hydrocarbon	22.48	1100	J
8.	Unknown	23.16	560	J
9.	Aliphatic hydrocarbon	23.46	2600	J
10.	Aliphatic hydrocarbon	24.74	1600	J
11.	Unknown	25.23	1300	J
12.	Unknown	25.64	630	J
13.	Unknown	26.25	880	J
14.	Unknown	26.50	4000	J
15.	Unknown	26.64	1100	J
16.	Unknown	26.72	3600	J
17.	Unknown steroid	27.15	5600	J
18.	Unknown	27.29	940	J
19.	Unknown	27.43	750	J
20.	Unknown	28.72	690	J
21.	Unknown	30.86	630	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN2

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-07

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB692

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 31 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	480	U
111-44-4	bis(2-Chloroethyl)Ether	480	U
95-57-8	2-Chlorophenol	480	U
541-73-1	1,3-Dichlorobenzene	480	U
106-46-7	1,4-Dichlorobenzene	480	U
95-50-1	1,2-Dichlorobenzene	480	U
95-48-7	2-Methylphenol	480	U
108-60-1	2,2'-oxybis(1-Chloropropane)	480	U
106-44-5	4-Methylphenol	480	U
621-64-7	N-Nitroso-Di-n-Propylamine	480	U
67-72-1	Hexachloroethane	480	U
98-95-3	Nitrobenzene	480	U
78-59-1	Isophorone	480	U
88-75-5	2-Nitrophenol	480	U
105-67-9	2,4-Dimethylphenol	480	U
111-91-1	bis(2-Chloroethoxy)Methane	480	U
120-83-2	2,4-Dichlorophenol	480	U
120-82-1	1,2,4-Trichlorobenzene	480	U
91-20-3	Naphthalene	480	U
106-47-8	4-Chloroaniline	480	U
87-68-3	Hexachlorobutadiene	480	U
59-50-7	4-Chloro-3-Methylphenol	480	U
91-57-6	2-Methylnaphthalene	480	U
77-47-4	Hexachlorocyclopentadiene	480	U
88-06-2	2,4,6-Trichlorophenol	480	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	480	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethyl Phthalate	480	U
208-96-8	Acenaphthylene	480	U
606-20-2	2,6-Dinitrotoluene	480	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	480	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN2

Lab Name: SEIMIC CORP Contract: 68-D2-0021

Lab Code: SEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 041093-07

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB692

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 31 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: Y/N) Y pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	480	U
121-14-2	2,4-Dinitrotoluene	480	U
84-66-2	Diethylphthalate	480	U
7005-72-3	4-Chlorophenyl-phenylether	480	U
86-73-7	Fluorene	480	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	480	U
101-55-3	4-Bromophenyl-phenylether	480	U
118-74-1	Hexachlorobenzene	480	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	61	J
120-12-7	Anthracene	480	U
84-74-2	Di-n-Butylphthalate	480	U
206-44-0	Fluoranthene	130	J
86-74-8	Carbazole	480	U
129-00-0	Pyrene	86	J
85-68-7	Butylbenzylphthalate	480	U
91-94-1	3,3'-Dichlorobenzidine	480	U
56-55-3	Benzo(a)Anthracene	480	U
218-01-9	Chrysene	480	U
117-81-7	bis(2-Ethylhexyl)Phthalate	53	J
117-84-0	Di-n-Octyl Phthalate	480	U
205-99-2	Benzo(b)Fluoranthene	480	U
207-08-9	Benzo(k)Fluoranthene	480	U
50-32-8	Benzo(a)Pyrene	480	U
193-39-5	Indeno(1,2,3-cd)Pyrene	480	U
53-70-3	Dibenzo(a,h)Anthracene	480	U
191-24-2	Benzo(g,h,i)Perylene	480	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN2

Lab Name: IEIMIC CORP Contract: 68-D3-0021

Lab Code: IEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: IB693

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 31 Decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.8

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

Number TICs found: 15

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.82	2700	J
2.	C5H10O isomer	5.04	1100	J
3.	C6H12O isomer	5.19	620	J
4. 141797	3-Penten-2-one, 4-methyl-	5.52	2600	ABJN
5. 123422	2-Pentanone, 4-hydroxy-4-met	6.51	130000	ABJN
6.	Unknown alcohol	6.80	720	J
7.	Unknown	7.60	860	J
8.	Unknown	7.84	380	J
9.	Unknown	7.92	340	J
10.	C4-Cyclohexane isomer	8.12	530	J
11.	Aliphatic hydrocarbon	22.05	430	J
12.	Aliphatic hydrocarbon	22.96	730	J
13.	Unknown	23.60	2200	J
14.	Aliphatic hydrocarbon	24.05	1800	J
15.	Aliphatic hydrocarbon	25.50	530	J
16.	Unknown	27.11	1700	J
17.	Unknown	27.60	1300	J
18.	Unknown	27.91	620	J
19.	Unknown steroid	28.40	1800	J
20.	Unknown	30.31	480	J
21.	Unknown	31.88	580	J
22.	Unknown	32.19	1800	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SAAN4

Lab Name: CEIMIC CORP Contract: 60-D2-0021

Lab Code: CEIMIC Case No.: 30054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-08

Sample wt/vol: 30.4 (g/mL) G Lab File ID: JB693

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-Di-n-Propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)Methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl Phthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SAAN4

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-08

Sample wt/vol: 30.4 (g/mL) G Lab File ID: JB693

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-Butylphthalate	430	U
206-44-0	Fluoranthene	430	U
86-74-8	Carbazole	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)Anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)Phthalate	430	U
117-84-0	Di-n-Octyl Phthalate	430	U
205-99-2	Benzo(b)Fluoranthene	430	U
207-08-9	Benzo(k)Fluoranthene	430	U
50-32-8	Benzo(a)Pyrene	430	U
193-39-5	Indeno(1,2,3-cd)Pyrene	430	U
53-70-3	Dibenzo(a,h)Anthracene	430	U
191-24-2	Benzo(g,h,i)Perylene	430	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

3AAN4

Lab Name: CEIMIC CORP Contract: 68-D0-0021

Lab Code: CEIMIC Case No.: 10354 SAS No.: SDG No.: 3AAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-08

Sample wt/vol: 30.4 (g/mL) G Lab File ID: D593

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 35 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 3.1

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

Number TICs found: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	C5H10O isomer	5.04	920	J
2. 141797	3-Penten-2-one, 4-methyl-	5.53	13000	ABJN
3.	Unknown	5.97	960	J
4. 123420	2-Pentanone, 4-hydroxy-4-met	6.55	120000	ABJN
5.	Unknown	7.51	2400	J
6.	Unknown	7.57	880	J
7.	Unknown fatty acid	19.24	260	J
8.	Unknown fatty acid	19.30	390	J
9. 57103	Hexadecanoic acid	19.37	660	JN
10.	Unknown alkene	19.64	350	J
11.	Unknown fatty ester	20.47	1300	J
12.	Unknown fatty acid	20.56	570	J
13.	Unknown aldehyde	23.72	920	J
14.	Aliphatic hydrocarbon	24.06	1200	J
15.	Unknown alcohol	24.12	1400	J
16.	Aliphatic hydrocarbon	25.53	2300	J
17.	Unknown steroid	26.30	9600	J
18.	C20H40O isomer	26.63	1900	J
19.	Unknown	27.28	3300	J
20.	Aliphatic hydrocarbon	27.56	1200	J
21.	Unknown steroid	28.40	960	J

MK 2-2-95

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN5

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-09

Sample Wt/vol: 30.3 (g/mL) G Lab File ID: IB678

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 18 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	280	J
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN5

Lab Name: SEIMIC CORP Contract: 68-D2-0021

Lab Code: SEIMIC Case No.: 22054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-09

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JD678

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 10 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-Methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
86-74-8	Carbazole	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	36	J
117-84-0	Di-n-Octyl Phthalate	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) - Cannot be separated from Diphenylamine

642

15

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN5

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No. 27054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-09

Sample wt/vol: 30.3 (g/mL) G Lab File ID: J8678

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 19 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 200.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 4.4

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

Number TICs found: 19

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.78	800	J
2.	C6H10O isomer	5.10	320	J
3.	Unknown	5.24	240	J
4.	Unknown	5.50	480	J
5. 141797	3-Penten-2-one, 4-methyl-	5.57	1200	ABJN
6.	Unknown	5.80	1000	J
7.	Unknown	6.02	400	J
8. 123422	3-Pentanone, 1-hydroxy-4-met	6.57	89000	ABJN
9.	Unknown	6.84	360	J
10.	Unknown	7.53	440	J
11.	Unknown	7.65	600	J
12.	Unknown	7.88	240	J
13.	Unknown	7.97	440	J
14.	Unknown alicyclic compound	8.17	400	J
15. 98862	Ethanone, 1-phenyl-	10.67	160	JN
16. 65850	Benzoic acid	11.37	440	JN
17.	Unknown	20.33	200	J
18.	Unknown	27.69	520	J
19.	Unknown	28.00	160	J

643

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN6

Lab Name: CEIMIC CORP Contract: 68-D0-0021

Lab Code: CEIMIC Case No.: 13054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 13679

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 19 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-Propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)Methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethyl Phthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	400	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN6

Lab Name: TEIMIC CORP Contract: 68-D2-0021

Lab Code: TEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-10

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JB679

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-Methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-Butylphthalate	400	U
206-44-0	Fluoranthene	400	U
86-74-8	Carbazole	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)Anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)Phthalate	120	J
117-84-0	Di-n-Octyl Phthalate	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) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SAAN6

Lab Name: CEIMIC CORP Contract: 68-D2 0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-10

Sample wt/vol: 30.3 (g/mL) G Lab File ID. JB679

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5.7

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

Number TICs found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	C6H10O isomer	5.10	80	J
2.	Unknown	5.23	80	J
3.	Unknown	5.46	1100	J
4.	Unknown	5.80	200	J
5.	Unknown	5.98	600	J
6. 123422	2-Pentanone, 4-hydroxy-4-met	6.53	76000	ABJNU
7.	Unknown	6.82	320	J
8.	Unknown	7.51	850	J
9.	Unknown	7.65	200	J
10.	Unknown	7.86	80	J
11.	Unknown	7.95	320	J
12.	C4-Cyclohexane isomer	8.16	200	J
13.	Aliphatic hydrocarbon	24.10	160	J
14.	Aliphatic hydrocarbon	25.56	320	J
15.	Unknown	27.39	2900	J
16.	Unknown	27.99	2000	J
17.	Unknown	28.51	280	J
18.	Unknown	30.19	160	J

MK 2-2-95

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN7

Lab Name: CEIMIC CORP Contract: 38-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JD708

% Moisture: (low/med) LOW Date Received: 12/16/94

GPC Cleanup: (Y/N) N pH: 9.3 Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 9.3

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	1600	
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	2700	
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	990	U
83-32-9	Acenaphthene	410	U

10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN7

Lab Name: TEIMIC CORP Contract: 68-D2 0021

Lab Code: TEIMIC Case No.: 33354 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JB708

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 20 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3

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

CAS No.	COMPOUND	Result	Qualifier
51-28-5	2,4-Dinitrophenol	990	U
100-02-7	4-Nitrophenol	990	U
132-64-9	Dibenzofuran	730	
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-Methylphenol	990	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	97	J
84-74-2	Di-n-Butylphthalate	410	U
206-44-0	Fluoranthene	450	
86-74-8	Carbazole	410	U
129-00-0	Pyrene	950	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)Anthracene	370	J
218-01-9	Chrysene	390	J
117-81-7	bis(2-Ethylhexyl)Phthalate	44	J
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	340	J
207-08-9	Benzo(k)Fluoranthene	210	J
50-32-8	Benzo(a)Pyrene	210	J
193-39-5	Indeno(1,2,3-cd)Pyrene	120	J
53-70-3	Dibenzo(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	140	J

(1) - Cannot be separated from Diphenylamine

694

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN7

Lab Name: CEIMIC CORP Contract: 68-D3-0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: IB708

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 20 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3

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

CAS Table rev. 12

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.82	3200	J
2.	C6H10O isomer	5.03	1900	J
3.	Unknown	5.78	990	J
4. 123422	2-Pentanone, 4-hydroxy-4-met	6.47	41000	ABJN
5.	Aliphatic hydrocarbon	12.55	250	J
6.	Aliphatic hydrocarbon	12.64	250	J
7.	Aliphatic hydrocarbon	12.99	330	J
8. 90120	Naphthalene, 1-methyl-	13.33	410	JN
9.	Aliphatic hydrocarbon	14.15	1600	J
10.	Naphthalene, dimethyl- isome	14.61	910	J
11.	Aliphatic hydrocarbon	14.80	1600	J
12.	Unknown	15.30	740	J
13.	Naphthalene, trimethyl- isom	16.13	780	J
14.	Aliphatic hydrocarbon	16.25	1400	J
15.	Aliphatic hydrocarbon	16.70	1900	J
16.	Aliphatic hydrocarbon	17.26	3400	J
17.	Polynuclear aromatic hydroca	17.82	990	J
18.	Aliphatic hydrocarbon	18.13	580	J
19.	Aliphatic hydrocarbon	18.94	780	J
20.	Aliphatic hydrocarbon	19.64	620	J
21.	Aliphatic hydrocarbon	20.23	620	J
22.	Aliphatic hydrocarbon	22.06	1200	J

MI 2-2-K

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SQAN7RE

Lab Name: SEIMIC CORP Contract: 68-D2-0021

Lab Code: SEIMIC Case No.: 22054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 241093-11RE

Sample wt/vol: 30.3 (g/mL) G Lab File ID. JE762

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 20 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.3

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	1700	
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	2600	
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	990	U
83-32-9	Acenaphthene	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN7RE

Lab Name: SEIMIC CORP Contract: 63-D2-0021

Lab Code: SEIMIC Case No.: 22054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11RE

Sample wt/vol: 30.3 (g/mL) G Lab File ID: JB762

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 20 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	990	U
100-02-7	4-Nitrophenol	990	U
132-64-9	Dibenzofuran	740	
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-Methylphenol	990	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	1200	
120-12-7	Anthracene	94	J
84-74-2	Di-n-Butylphthalate	44	J
206-44-0	Fluoranthene	430	
86-74-8	Carbazole	100	J
129-00-0	Pyrene	980	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)Anthracene	400	J
218-01-9	Chrysene	380	J
117-81-7	bis(2-Ethylhexyl)Phthalate	48	J
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	460	
207-08-9	Benzo(k)Fluoranthene	130	J
50-32-8	Benzo(a)Pyrene	210	J
193-39-5	Indeno(1,2,3-cd)Pyrene	140	J
53-70-3	Dibenzo(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	140	J

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

3AAN7RE

Lab Name: CEIMIC CORP Contract: 68-D3-0021

Lab Code: CEIMIC Case No.: 03054 SAS No.: SDG No.: 3AAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11RE

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 7B762

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 20 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.2 (uL) Date Analyzed: 01/15/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0

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

Number TICs found: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.80	3200	J
2.	C6H10O isomer	5.02	1300	J
3.	Unknown	5.77	1000	J
4. 123422	2-Pentanone, 4-hydroxy-4-met	6.64	50000	ABJNU
5.	Aliphatic hydrocarbon	12.55	250	J
6.	Aliphatic hydrocarbon	12.64	250	J
7.	Aliphatic hydrocarbon	13.00	410	J
8. 90120	Naphthalene, 1-methyl-	13.38	410	JN
9.	Aliphatic hydrocarbon	14.15	1700	J
10.	Naphthalene, dimethyl- isome	14.48	730	J
11.	Naphthalene, trimethyl- isom	16.13	740	J
12.	Aliphatic hydrocarbon	16.25	1000	J
13.	Aliphatic hydrocarbon	16.70	1700	J
14.	Aliphatic hydrocarbon	17.26	3400	J
15.	Polynuclear aromatic hydroca	17.82	910	J
16.	Aliphatic hydrocarbon	18.94	870	J
17.	Aliphatic hydrocarbon	19.64	660	J
18.	Aliphatic hydrocarbon	20.23	540	J
19.	Aliphatic hydrocarbon	22.06	1300	J
20.	Aliphatic hydrocarbon	22.50	820	J
21.	Unknown	26.37	1600	J

MK 2-2-95

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN8

Lab Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: C3054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-12

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB694

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 22 Decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SAAN8

Lab Name: SCIMIC CORP Contract: 68-D0-0021

Lab Code: SCIMIC Case No.: 23054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-12

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB594

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-Methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-Butylphthalate	420	U
206-44-0	Fluoranthene	420	U
86-74-8	Carbazole	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	130	J
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	420	U
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenzo(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EAAN8

Name: CEIMIC CORP Contract: 68-D2-0021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-12

Sample wt/vol: 30.2 (g/mL) G Lab File ID: JB694

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.84	470	J
2.	C6H10O isomer	5.05	2000	J
3.	Unknown	5.20	810	J
4.	Unknown	5.48	19000	J
5.	Unknown	5.98	6800	J
6. 123422	2-Pentanone, 4-hydroxy-4-met	6.53	110000	ABJNV
7.	Unknown alcohol	6.81	420	J MK 2-2-95
8.	Unknown	7.54	12000	J
9.	Unknown	7.80	300	J
10.	Unknown	8.01	640	J
11.	Unknown fatty acid	19.22	170	J
12.	Unknown fatty acid	19.35	420	J
13.	Unknown alkene	19.64	210	J
14.	Unknown fatty acid	20.45	250	J
15.	Aliphatic hydrocarbon	24.04	1100	J
16.	Unknown alcohol	24.10	470	J
17.	Aliphatic hydrocarbon	25.51	2000	J
18.	Unknown	27.35	510	J
19.	Aliphatic hydrocarbon	27.56	1400	J
20.	Unknown	27.91	980	J
21.	Unknown	28.40	640	J

781

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBAN9

Lab Name: CEIMIC CORP Contract: 68-D0-0021

Lab Code: CEIMIC Case No.: 33054 SAS No.: SDG No.: SBAM5

Matrix: (Soil/Water) SOIL Lab Sample ID: 941093-13

Sample wt/vol: 30.4 (g/mL) G Lab File ID: J3703

% Moisture: (Low/Med) LOW Date Received: 12/16/94

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.7

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

807

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN9

Lab Name: OSIMIC CORP Contract: 68-D3-0021

Lab Code: OSIMIC Case No.: 33054 SAS No.: SDG No.: EAAME

Matrix: (soil/water) SOIL Lab Sample ID: 941093-13

Sample wt/vol: 30.4 (g/mL) G Lab File ID: JB703

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-Methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-Butylphthalate	410	U
206-44-0	Fluoranthene	410	U
86-74-8	Carbazole	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)Anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	410	U
207-08-9	Benzo(k)Fluoranthene	410	U
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenzo(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

808

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

T2AN9

Name: CEIMIC CORP Contract: 68-D2-0001

Lab Code: CEIMIC Case No.: 22054 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: S41093-13

Sample wt/vol: 30.4 (g/mL) G Lab File ID: IB703

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/22/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.82	420	J
2.	Unknown	5.04	290	J
3.	Unknown	5.17	210	J
4.	Unknown	5.45	1100	J
5.	Unknown	5.75	370	J
6.	Unknown	5.95	460	J
7.	Unknown	6.10	250	J
8. 123422	2-Pentanone, 4-hydroxy-4-met	6.50	37000	ABJNU
9.	Unknown	6.84	330	J
10.	Unknown	7.51	1200	J
11.	Unknown	7.81	250	J
12.	Unknown	7.95	290	J
13.	Unknown	8.10	290	J
14.	Unknown	10.97	120	J
15. 57103	Hexadecanoic acid	19.34	210	JN
16.	Unknown aldehyde	21.78	250	J
17.	Aliphatic hydrocarbon	22.96	710	J
18.	Aliphatic hydrocarbon	24.04	420	J
19.	Unknown	24.11	420	J
20.	Unknown	27.59	2400	J
21.	Unknown	27.88	320	J

809

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP6P1

Contract: 68-D3-0021

Case No.: 41754 SAS No.: SDG No.: SAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-14

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JB846

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 93 decanted: (Y/N) N Date Extracted: 01/16/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/19/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9

CAS	COMPOUND	CONCENTRATION UNITS: ug/L or ug/Kg	Q
108-95-2	Phenol	490	U
111-44-4	bis(2-Chloroethyl)Ether	490	U
95-57-8	2-Chlorophenol	490	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	490	U
95-50-1	1,2-Dichlorobenzene	490	U
95-48-7	2-Methylphenol	490	U
108-60-1	2,2'-oxybis(1-Chloropropane)	490	U
106-44-5	4-Methylphenol	490	U
621-64-7	N-Nitroso-Di-n-Propylamine	490	U
67-72-1	Hexachloroethane	490	U
98-95-3	Nitrobenzene	490	U
78-59-1	Isophorone	490	U
88-75-5	2-Nitrophenol	490	U
105-67-9	2,4-Dimethylphenol	490	U
111-91-1	bis(2-Chloroethoxy)Methane	490	U
120-83-2	2,4-Dichlorophenol	490	U
120-82-1	1,2,4-Trichlorobenzene	490	U
91-20-3	Naphthalene	150	J
106-47-8	4-Chloroaniline	490	U
87-68-3	Hexachlorobutadiene	490	U
59-50-7	4-Chloro-3-Methylphenol	490	U
91-57-6	2-Methylnaphthalene	320	J
77-47-4	Hexachlorocyclopentadiene	490	U
88-06-2	2,4,6-Trichlorophenol	490	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	490	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethyl Phthalate	490	U
208-96-8	Acenaphthylene	490	U
606-20-2	2,6-Dinitrotoluene	490	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	62	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TPA SAMPLE NO.

EQAP1

Lab Name: [illegible] Contract: 68-D2-0021

Lab Code: [illegible] Case No.: 2295- SAS No.: SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941092-14

Sample wt/vol: 30.1 (g/mL) G Lab File ID: ID846

% Moisture: (low/med) LOW Date Received: 12/16/94

Extraction: SD Decanted: (Y/N) N Date Extracted: 01/16/95

Concentrated Extract Volume: 100.0 (uL) Date Analyzed: 01/19/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: [illegible]

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
[illegible]	2,4-Dinitrophenol	1200	U
[illegible]	4-Nitrophenol	1200	U
[illegible]	Dibenzofuran	190	J
[illegible]	2,4-Dinitrotoluene	490	U
84-66-2	Diethylphthalate	490	U
7005-72-3	4-Chlorophenyl-phenylether	490	U
86-73-7	Fluorene	87	J
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-Methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	490	U
101-55-3	4-Bromophenyl-phenylether	490	U
118-74-1	Hexachlorobenzene	490	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	920	
120-12-7	Anthracene	160	J
84-74-2	Di-n-Butylphthalate	490	U
206-44-0	Fluoranthene	1100	
86-74-8	Carbazole	120	J
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	56	J
91-94-1	3,3'-Dichlorobenzidine	490	U
56-55-3	Benzo(a)Anthracene	570	
218-01-9	Chrysene	710	
117-81-7	bis(2-Ethylhexyl)Phthalate	630	
117-84-0	Di-n-Octyl Phthalate	490	U
205-99-2	Benzo(b)Fluoranthene	1100	
207-08-9	Benzo(k)Fluoranthene	310	J
50-32-8	Benzo(a)Pyrene	500	
193-39-5	Indeno(1,2,3-cd)Pyrene	440	J
53-70-3	Dibenzo(a,h)Anthracene	150	J
191-24-2	Benzo(g,h,i)Perylene	460	J

(1) - Cannot be separated from Diphenylamine

835

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAAP1

Lab Name: SEIMIC CORP Contract: 68-D2-0021

Lab Code: SEIMIC Case No.: 23054 SAS No.: SDG No.: SAAM5

Matrix: (Soil/Water) SOIL Lab Sample ID: 941092-14

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JB846

Level: (low/med) LOW Date Received: 12/16/94

% Moisture: 33 Decanted: (Y/N) N Date Extracted: 01/16/95

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/19/95

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.0

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

CAS Number: 21

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	4.80	2500	J
2.	Unknown	5.43	3400	J
3.	Unknown	5.77	790	J
4.	Unknown	5.95	1200	J
5. 123422	2-Pentanone, 4-hydroxy-4-met	6.50	69000	ABJN
6.	Aliphatic hydrocarbon	16.68	550	J
7.	Aliphatic hydrocarbon	17.22	940	J
8.	Unknown	17.78	300	J
9.	Polynuclear aromatic hydroca	19.27	300	J
10. 57103	Hexadecanoic acid	19.36	640	JN
11.	Aliphatic hydrocarbon	19.61	300	J
12.	Aliphatic hydrocarbon	20.20	300	J
13.	Aliphatic hydrocarbon	21.20	400	J
14.	DDD isomer	21.62	400	J
15.	Aliphatic hydrocarbon	22.05	500	J
16.	Aliphatic hydrocarbon	22.96	350	J
17.	Aliphatic hydrocarbon	25.49	1200	J
18.	Unknown	27.81	990	J
19.	Unknown	27.90	2200	J
20.	Unknown	28.44	1700	J
21.	Unknown	30.28	790	J

MK 2-2-95

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: SDG No.: EAAM5

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK01	89		90		102		99				0
02	EAAM5	95		106		94		86				0
03	EAAM6	90		92		91		94				0
04	EAAM7	133		133		132		120				0
05	EAAM7MS	116		121		125		120				0
06	EAAM7MSD	100		102		118		107				0
07	EAAM8	99		104		112		111				0
08	EAAM9	96		99		100		102				0
09	EAAN1	110		119		126		122				0
10	EAAN2	109		114		120		116				0
11	EAAN4	82		84		94		90				0
12	EAAN5	101		98		112		113				0
13	EAAN6	71		70		80		78				0
14	EAAN7	115		99		140		96				0
15	EAAN7DL	150		128		178*		112				1
16	EAAN8	92		94		113		106				0
17	EAAN9	102		104		116		114				0
18	EAAP1	128		122		186*		120				1
19	EAAP1DL	170D		176D		214D		145D				0

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix Spike - EPA Sample No.: EAAM7

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	22.800	0	24.9	109	46-127
Heptachlor	22.800	0	21.2	93	35-130
Aldrin	22.800	0	21.1	93	34-132
Dieldrin	45.600	0	47.2	104	31-134
Endrin	45.600	0	54.4	119	42-139
4,4'-DDT	45.600	0	51.4	113	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	22.600	22.3	99	10	50	46-127
Heptachlor	22.600	18.3	81	14	31	35-130
Aldrin	22.600	19.6	87	7	43	34-132
Dieldrin	45.200	41.2	91	13	38	31-134
Endrin	45.200	48.1	106	12	45	42-139
4,4'-DDT	45.200	46.2	102	10	50	23-134

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

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Lab Sample ID: P1226-B2 Lab File ID: _____

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 12/26/94

Date Analyzed (1): 01/05/95 Date Analyzed (2): 01/05/95

Time Analyzed (1): 0619 Time Analyzed (2): 0619

Instrument ID (1): AD9 1 Instrument ID (2): AD8 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES. MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	EAAM5	941093-01	01/05/95	01/05/95
02	EAAM6	941093-02	01/05/95	01/05/95
03	EAAM7	941093-03	01/05/95	01/05/95
04	EAAM8	941093-04	01/05/95	01/05/95
05	EAAM9	941093-05	01/05/95	01/05/95
06	EAAN1	941093-06	01/05/95	01/05/95
07	EAAN2	941093-07	01/05/95	01/05/95
08	EAAN4	941093-08	01/05/95	01/05/95
09	EAAN5	941093-09	01/05/95	01/05/95
10	EAAN6	941093-10	01/05/95	01/05/95
11	EAAN7	941093-11	01/05/95	01/05/95
12	EAAN7DL	941093-11DL	01/11/95	01/11/95
13	EAAN8	941093-12	01/10/95	01/10/95
14	EAAN9	941093-13	01/05/95	01/05/95
15	EAAP1	941093-14	01/11/95	01/11/95
16	EAAP1DL	941093-14DL	01/11/95	01/11/95
17	EAAM7MS	941093-03MS	01/05/95	01/05/95
18	EAAM7MSD	941093-03MSD	01/10/95	01/10/95

COMMENTS:

1061

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: P1226-B2

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

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

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM5

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-01

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

% Moisture: 25 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.21	U
319-85-7	beta-BHC	2.21	U
319-86-8	delta-BHC	2.21	U
58-89-9	gamma-BHC (Lindane)	2.21	U
76-44-8	Heptachlor	2.21	U
309-00-2	Aldrin	2.21	U
1024-57-3	Heptachlor epoxide	2.21	U
959-98-8	Endosulfan I	2.21	U
60-57-1	Dieldrin	4.41	U
72-55-9	4,4'-DDE	4.41	U
72-20-8	Endrin	4.41	U
33213-65-9	Endosulfan II	4.41	U
72-54-8	4,4'-DDD	4.41	U
1031-07-8	Endosulfan sulfate	4.41	U
50-29-3	4,4'-DDT	4.41	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.41	U
7421-93-4	Endrin aldehyde	4.41	U
5103-71-9	alpha-Chlordane	2.21	U
5103-74-2	gamma-Chlordane	5.21	
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM6

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-02

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

% Moisture: 28 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	4.5	U
72-55-9	4,4'-DDE	4.5	U
72-20-8	Endrin	4.5	U
33213-65-9	Endosulfan II	4.5	U
72-54-8	4,4'-DDD	4.5	U
1031-07-8	Endosulfan sulfate	4.5	U
50-29-3	4,4'-DDT	4.5	U
72-43-5	Methoxychlor	23	U
53494-70-5	Endrin ketone	4.5	U
7421-93-4	Endrin aldehyde	4.5	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	45	U
11096-82-5	Aroclor-1260	45	U

1070

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM7

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-03

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

% Moisture: 27 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	4.5	U
72-55-9	4,4'-DDE	4.5	U
72-20-8	Endrin	4.5	U
33213-65-9	Endosulfan II	4.5	U
72-54-8	4,4'-DDD	4.5	U
1031-07-8	Endosulfan sulfate	4.5	U
50-29-3	4,4'-DDT	4.5	U
72-43-5	Methoxychlor	23	U
53494-70-5	Endrin ketone	4.5	U
7421-93-4	Endrin aldehyde	4.5	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	45	U
11096-82-5	Aroclor-1260	45	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM8

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-04

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

% Moisture: 34 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.6	U
319-85-7	beta-BHC	2.6	U
319-86-8	delta-BHC	2.6	U
58-89-9	gamma-BHC (Lindane)	2.6	U
76-44-8	Heptachlor	2.6	U
309-00-2	Aldrin	2.6	U
1024-57-3	Heptachlor epoxide	2.6	U
959-98-8	Endosulfan I	2.6	U
60-57-1	Dieldrin	17	
72-55-9	4,4'-DDE	5.0	U
72-20-8	Endrin	5.0	U
33213-65-9	Endosulfan II	5.0	U
72-54-8	4,4'-DDD	5.0	U
1031-07-8	Endosulfan sulfate	5.0	U
50-29-3	4,4'-DDT	5.0	U
72-43-5	Methoxychlor	26	U
53494-70-5	Endrin ketone	5.0	U
7421-93-4	Endrin aldehyde	5.0	U
5103-71-9	alpha-Chlordane	2.6	U
5103-74-2	gamma-Chlordane	2.6	U
8001-35-2	Toxaphene	260	U
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAM9

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-05

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

% Moisture: 37 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.7	U
319-85-7	beta-BHC	2.7	U
319-86-8	delta-BHC	2.7	U
58-89-9	gamma-BHC (Lindane)	2.7	U
76-44-8	Heptachlor	2.7	U
309-00-2	Aldrin	2.7	U
1024-57-3	Heptachlor epoxide	2.7	U
959-98-8	Endosulfan I	2.7	U
60-57-1	Dieldrin	18	
72-55-9	4,4'-DDE	5.2	U
72-20-8	Endrin	5.2	U
33213-65-9	Endosulfan II	5.2	U
72-54-8	4,4'-DDD	5.2	U
1031-07-8	Endosulfan sulfate	5.2	U
50-29-3	4,4'-DDT	5.2	U
72-43-5	Methoxychlor	27	U
53494-70-5	Endrin ketone	5.2	U
7421-93-4	Endrin aldehyde	5.2	U
5103-71-9	alpha-Chlordane	2.7	U
5103-74-2	gamma-Chlordane	2.7	U
8001-35-2	Toxaphene	270	U
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN1

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-06

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

% Moisture: 47 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.21	U
319-85-7	beta-BHC	3.21	U
319-86-8	delta-BHC	3.21	U
58-89-9	gamma-BHC (Lindane)	3.21	U
76-44-8	Heptachlor	3.21	U
309-00-2	Aldrin	3.21	U
1024-57-3	Heptachlor epoxide	3.21	U
959-98-8	Endosulfan I	3.21	U
60-57-1	Dieldrin	18	
72-55-9	4,4'-DDE	6.21	U
72-20-8	Endrin	6.21	U
33213-65-9	Endosulfan II	6.21	U
72-54-8	4,4'-DDD	6.21	U
1031-07-8	Endosulfan sulfate	6.21	U
50-29-3	4,4'-DDT	6.21	U
72-43-5	Methoxychlor	32	U
53494-70-5	Endrin ketone	6.21	U
7421-93-4	Endrin aldehyde	6.21	U
5103-71-9	alpha-Chlordane	3.21	U
5103-74-2	gamma-Chlordane	3.21	U
8001-35-2	Toxaphene	320	U
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	62	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN2

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-07

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

% Moisture: 31 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.4	U
319-85-7	beta-BHC	2.4	U
319-86-8	delta-BHC	2.4	U
58-89-9	gamma-BHC (Lindane)	2.4	U
76-44-8	Heptachlor	2.4	U
309-00-2	Aldrin	2.4	U
1024-57-3	Heptachlor epoxide	2.4	U
959-98-8	Endosulfan I	2.4	U
60-57-1	Dieldrin	4.7	U
72-55-9	4,4'-DDE	4.7	U
72-20-8	Endrin	4.7	U
33213-65-9	Endosulfan II	4.7	U
72-54-8	4,4'-DDD	4.7	U
1031-07-8	Endosulfan sulfate	4.7	U
50-29-3	4,4'-DDT	4.7	U
72-43-5	Methoxychlor	24	U
53494-70-5	Endrin ketone	4.7	U
7421-93-4	Endrin aldehyde	4.7	U
5103-71-9	alpha-Chlordane	2.4	U
5103-74-2	gamma-Chlordane	2.4	U
8001-35-2	Toxaphene	240	U
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	96	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN4

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-08

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

% Moisture: 25 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	4.4	U
72-55-9	4,4'-DDE	4.4	U
72-20-8	Endrin	4.4	U
33213-65-9	Endosulfan II	4.4	U
72-54-8	4,4'-DDD	4.4	U
1031-07-8	Endosulfan sulfate	4.4	U
50-29-3	4,4'-DDT	4.4	U
72-43-5	Methoxychlor	23	U
53494-70-5	Endrin ketone	4.4	U
7421-93-4	Endrin aldehyde	4.4	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U

1105

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN5

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-09

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

% Moisture: 18 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 4.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	4.0	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN6

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-10

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

% Moisture: 18 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 5.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	4.0	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN7

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11

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

% Moisture: 20 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	54	P
72-20-8	Endrin	9.5	P
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	75	P E mk 2-6-95
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN7DL

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-11DL

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

% Moisture: 20 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/11/95

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	20	U
72-55-9	4,4'-DDE	51	PD
72-20-8	Endrin	20	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	20	U
1031-07-8	Endosulfan sulfate	20	U
50-29-3	4,4'-DDT	73	PD
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	20	U
7421-93-4	Endrin aldehyde	20	U
5103-71-9	alpha-Chlordane	10	U
5103-74-2	gamma-Chlordane	10	U
8001-35-2	Toxaphene	1000	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	200	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN8

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-12

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

% Moisture: 22 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/10/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.2	U
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	4.2	U
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	4.2	U
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	4.2	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAN9

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-13

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

% Moisture: 21 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/05/95

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.2	U
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	4.2	U
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	4.2	U
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	4.2	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

1139

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAP1

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-14

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

% Moisture: 33 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/11/95

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	13	U
319-85-7	beta-BHC	13	U
319-86-8	delta-BHC	13	U
58-89-9	gamma-BHC (Lindane)	13	U
76-44-8	Heptachlor	13	U
309-00-2	Aldrin	13	U
1024-57-3	Heptachlor epoxide	13	U
959-98-8	Endosulfan I	13	U
60-57-1	Dieldrin	24	U
72-55-9	4,4'-DDE	2400	E mK 2-6-9
72-20-8	Endrin	24	U
33213-65-9	Endosulfan II	24	U
72-54-8	4,4'-DDD	340	
1031-07-8	Endosulfan sulfate	24	U
50-29-3	4,4'-DDT	760	E mK 2-6-95
72-43-5	Methoxychlor	130	U
53494-70-5	Endrin ketone	24	U
7421-93-4	Endrin aldehyde	24	U
5103-71-9	alpha-Chlordane	13	U
5103-74-2	gamma-Chlordane	13	U
8001-35-2	Toxaphene	1300	U
12674-11-2	Aroclor-1016	240	U
11104-28-2	Aroclor-1221	490	U
11141-16-5	Aroclor-1232	240	U
53469-21-9	Aroclor-1242	240	U
12672-29-6	Aroclor-1248	240	U
11097-69-1	Aroclor-1254	240	U
11096-82-5	Aroclor-1260	240	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EAAP1DL

Lab Name: CEIMIC CORP Contract: 68D20021

Lab Code: CEIMIC Case No.: 23054 SAS No.: _____ SDG No.: EAAM5

Matrix: (soil/water) SOIL Lab Sample ID: 941093-14DL

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

% Moisture: 33 decanted: (Y/N) N Date Received: 12/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/26/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/11/95

Injection Volume: 1.00 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	130	U
319-85-7	beta-BHC	130	U
319-86-8	delta-BHC	130	U
58-89-9	gamma-BHC (Lindane)	130	U
76-44-8	Heptachlor	130	U
309-00-2	Aldrin	130	U
1024-57-3	Heptachlor epoxide	130	U
959-98-8	Endosulfan I	130	U
60-57-1	Dieldrin	240	U
72-55-9	4,4'-DDE	3300	D
72-20-8	Endrin	240	U
33213-65-9	Endosulfan II	240	U
72-54-8	4,4'-DDD	360	D
1031-07-8	Endosulfan sulfate	240	U
50-29-3	4,4'-DDT	680	D
72-43-5	Methoxychlor	1300	U
53494-70-5	Endrin ketone	240	U
7421-93-4	Endrin aldehyde	240	U
5103-71-9	alpha-Chlordane	130	U
5103-74-2	gamma-Chlordane	130	U
8001-35-2	Toxaphene	13000	U
12674-11-2	Aroclor-1016	2400	U
11104-28-2	Aroclor-1221	4900	U
11141-16-5	Aroclor-1232	2400	U
53469-21-9	Aroclor-1242	2400	U
12672-29-6	Aroclor-1248	2400	U
11097-69-1	Aroclor-1254	2400	U
11096-82-5	Aroclor-1260	2400	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKJA

LE NO.

INIC CORP Contract: 68-D2-0021

Case No.: C3054 SAS No.: SDG No.: CAAM5 15

(water) SOIL Lab Sample ID: S0116-B1 11

: 30.2 (g/mL) G Lab File ID: JB799

(med) DW Date Received: 4

Decanted: (Y/N) N Date Extracted: 01/16/95 5

Extract Volume: 500.0 (uL) Date Analyzed: 01/17/95 5

ume: 2.0(uL) Dilution Factor: 1.0 .0

(Y/N) pH: 7.0

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

	COMPOUND NAME	RT	EST. CONC.	Q
	Unknown	5.39	100	J
	3-Penten-2-one, 4-methyl-	5.50	670	AJN
	2-Pentanone, 4-hydroxy-4-met	6.46	57000	AJN
	Unknown	6.75	230	J
	Unknown	7.56	430	J
	Unknown	7.78	200	J
	Unknown	7.89	100	J
	Unknown	8.09	370	J

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

SOW No.: ILM03.0

EPA SAMPLE NO.	Lab Sample ID.
MEWN34	36205S
MEXD82	36206S
MEXD83	36207S
MEXD84	36208S
MEXD84D	36209S2
MEXD84S	36210DS
MEXD85	36211S
MEXD86	36212S
MEXD87	36213S
MEXD89	36214S
MEXD91	36215S
MEXD92	36216S
MEXD93	36217S
MEXD94	36218S
MEXD95	36219S
MEXD96	36220S

Were ICP interelement corrections applied? Yes/No YES
Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: PARVEEN HASAN

Date: 1/16/95 Title: QA/QC COORDINATOR

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEXD82

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36206S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 73.8

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9670			P
7440-36-0	Antimony	1.4	U		P
7440-38-2	Arsenic	17.2			P
7440-39-3	Barium	197			P
7440-41-7	Beryllium	1.7			P
7440-43-9	Cadmium	0.54	U		P
7440-70-2	Calcium	1550			P
7440-47-3	Chromium	19.7			P
7440-48-4	Cobalt	11.8	B		P
7440-50-8	Copper	22.3			P
7439-89-6	Iron	35400			P
7439-92-1	Lead	45.1			P
7439-95-4	Magnesium	1100	B		P
7439-96-5	Manganese	460			P
7439-97-6	Mercury	0.14	U		CV
7440-02-0	Nickel	14.0			P
7440-09-7	Potassium	580	B		P
7782-49-2	Selenium	1.4	U		P
7440-22-4	Silver	0.81	U		P
7440-23-5	Sodium	969	B		P
7440-28-0	Thallium	1.9	U		P
7440-62-2	Vanadium	51.4			P
7440-66-6	Zinc	228			P
	Cyanide	1.4	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEWN34

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36205S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 66.8

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12100			P
7440-36-0	Antimony	10.4	B		P
7440-38-2	Arsenic	22.5			P
7440-39-3	Barium	415			P
7440-41-7	Beryllium	2.4			P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	5740			P
7440-47-3	Chromium	32.5			P
7440-48-4	Cobalt	5.0	B		P
7440-50-8	Copper	224			P
7439-89-6	Iron	58000			P
7439-92-1	Lead	634			P
7439-95-4	Magnesium	1500			P
7439-96-5	Manganese	457			P
7439-97-6	Mercury	0.91			CV
7440-02-0	Nickel	33.5			P
7440-09-7	Potassium	3080			P
7782-49-2	Selenium	1.5	U		P
7440-22-4	Silver	0.90	U		P
7440-23-5	Sodium	574	B		P
7440-28-0	Thallium	2.1	U		P
7440-62-2	Vanadium	43.9			P
7440-66-6	Zinc	1230			P
	Cyanide	1.5	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEXD91

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36215S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 80.0

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15100			P
7440-36-0	Antimony	1.2	U		P
7440-38-2	Arsenic	9.6			P
7440-39-3	Barium	184			P
7440-41-7	Beryllium	0.85	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	14700			P
7440-47-3	Chromium	18.5			P
7440-48-4	Cobalt	7.3	B		P
7440-50-8	Copper	45.4			P
7439-89-6	Iron	15600			P
7439-92-1	Lead	66.9			P
7439-95-4	Magnesium	5490			P
7439-96-5	Manganese	798			P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	15.9			P
7440-09-7	Potassium	1510			P
7782-49-2	Selenium	1.2	U		P
7440-22-4	Silver	0.75	U		P
7440-23-5	Sodium	167	B		P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	36.1			P
7440-66-6	Zinc	636			P
	Cyanide	1.2	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEXD83

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36207S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 65.1

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	11000			P
7440-36-0	Antimony	2.9	B		P
7440-38-2	Arsenic	7.7			P
7440-39-3	Barium	116			P
7440-41-7	Beryllium	0.63	B		P
7440-43-9	Cadmium	2.5			P
7440-70-2	Calcium	1910			P
7440-47-3	Chromium	13.7			P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	79.0			P
7439-89-6	Iron	9760			P
7439-92-1	Lead	126			P
7439-95-4	Magnesium	1130	B		P
7439-96-5	Manganese	75.7			P
7439-97-6	Mercury	0.15	U		CV
7440-02-0	Nickel	14.8			P
7440-09-7	Potassium	846	B		P
7782-49-2	Selenium	1.5	U		P
7440-22-4	Silver	0.92	U		P
7440-23-5	Sodium	154	B		P
7440-28-0	Thallium	2.2	U		P
7440-62-2	Vanadium	24.3			P
7440-66-6	Zinc	698			P
	Cyanide	1.5	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEXD84

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36208S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 71.0

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12700			P
7440-36-0	Antimony	4.5	B		P
7440-38-2	Arsenic	4.8			P
7440-39-3	Barium	124			P
7440-41-7	Beryllium	0.66	B		P
7440-43-9	Cadmium	2.3			P
7440-70-2	Calcium	2430			P
7440-47-3	Chromium	16.6			P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	156			P
7439-89-6	Iron	14000			P
7439-92-1	Lead	257			P
7439-95-4	Magnesium	1390	B		P
7439-96-5	Manganese	91.9			P
7439-97-6	Mercury	0.14	U		CV
7440-02-0	Nickel	21.3			P
7440-09-7	Potassium	834	B		P
7782-49-2	Selenium	1.4	U		P
7440-22-4	Silver	0.85	U		P
7440-23-5	Sodium	155	B		P
7440-28-0	Thallium	2.0	U		P
7440-62-2	Vanadium	28.8			P
7440-66-6	Zinc	698			P
	Cyanide	1.4	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEXD85

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36211S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 57.5

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23200			P
7440-36-0	Antimony	6.7	B		P
7440-38-2	Arsenic	47.9			P
7440-39-3	Barium	136			P
7440-41-7	Beryllium	1.5	B		P
7440-43-9	Cadmium	40.2			P
7440-70-2	Calcium	3040			P
7440-47-3	Chromium	27.3			P
7440-48-4	Cobalt	5.4	B		P
7440-50-8	Copper	318			P
7439-89-6	Iron	23400			P
7439-92-1	Lead	1170			P
7439-95-4	Magnesium	2390			P
7439-96-5	Manganese	324			P
7439-97-6	Mercury	0.17	U		CV
7440-02-0	Nickel	105			P
7440-09-7	Potassium	1670	B		P
7782-49-2	Selenium	1.7	U		P
7440-22-4	Silver	2.1	B		P
7440-23-5	Sodium	279	B		P
7440-28-0	Thallium	2.4	U		P
7440-62-2	Vanadium	48.5			P
7440-66-6	Zinc	9290			P
	Cyanide	1.7	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEXD86

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36212S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 57.5

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	30400			P
7440-36-0	Antimony	10.1	B		P
7440-38-2	Arsenic	6.8			P
7440-39-3	Barium	155			P
7440-41-7	Beryllium	1.3	B		P
7440-43-9	Cadmium	58.6			P
7440-70-2	Calcium	3010			P
7440-47-3	Chromium	32.7			P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	330			P
7439-89-6	Iron	19500			P
7439-92-1	Lead	1060			P
7439-95-4	Magnesium	2920			P
7439-96-5	Manganese	203			P
7439-97-6	Mercury	0.18			CV
7440-02-0	Nickel	128			P
7440-09-7	Potassium	2180			P
7782-49-2	Selenium	1.7	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	296	B		P
7440-28-0	Thallium	2.4	U		P
7440-62-2	Vanadium	53.8			P
7440-66-6	Zinc	10000			P
	Cyanide	1.7	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEXD87

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36213S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 73.3

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17000			P
7440-36-0	Antimony	17.0			P
7440-38-2	Arsenic	26.9			P
7440-39-3	Barium	120			P
7440-41-7	Beryllium	1.4			P
7440-43-9	Cadmium	2.2			P
7440-70-2	Calcium	1290	B		P
7440-47-3	Chromium	21.5			P
7440-48-4	Cobalt	8.6	B		P
7440-50-8	Copper	1950			P
7439-89-6	Iron	25400			P
7439-92-1	Lead	1690			P
7439-95-4	Magnesium	1400			P
7439-96-5	Manganese	388			P
7439-97-6	Mercury	0.23			CV
7440-02-0	Nickel	102			P
7440-09-7	Potassium	1110	B		P
7782-49-2	Selenium	1.4	U		P
7440-22-4	Silver	0.90	B		P
7440-23-5	Sodium	134	B		P
7440-28-0	Thallium	1.9	U		P
7440-62-2	Vanadium	49.7			P
7440-66-6	Zinc	5240			P
	Cyanide	1.4	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEXD89

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36214S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 61.1

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27800			P
7440-36-0	Antimony	4.9	B		P
7440-38-2	Arsenic	10.0			P
7440-39-3	Barium	213			P
7440-41-7	Beryllium	1.5	B		P
7440-43-9	Cadmium	23.9			P
7440-70-2	Calcium	3990			P
7440-47-3	Chromium	30.3			P
7440-48-4	Cobalt	4.3	B		P
7440-50-8	Copper	448			P
7439-89-6	Iron	21000			P
7439-92-1	Lead	674			P
7439-95-4	Magnesium	3050			P
7439-96-5	Manganese	226			P
7439-97-6	Mercury	0.16	U		CV
7440-02-0	Nickel	38.7			P
7440-09-7	Potassium	1760			P
7782-49-2	Selenium	1.6	U		P
7440-22-4	Silver	0.98	U		P
7440-23-5	Sodium	641	B		P
7440-28-0	Thallium	2.3	U		P
7440-62-2	Vanadium	53.0			P
7440-66-6	Zinc	2770			P
	Cyanide	1.6	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEXD92

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36216S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 79.0

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15400			P
7440-36-0	Antimony	1.3	U		P
7440-38-2	Arsenic	4.0			P
7440-39-3	Barium	121			P
7440-41-7	Beryllium	0.64	B		P
7440-43-9	Cadmium	0.85	B		P
7440-70-2	Calcium	492	B		P
7440-47-3	Chromium	15.7			P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	30.0			P
7439-89-6	Iron	9970			P
7439-92-1	Lead	72.7			P
7439-95-4	Magnesium	1110	B		P
7439-96-5	Manganese	69.6			P
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel	8.8	B		P
7440-09-7	Potassium	889	B		P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.76	U		P
7440-23-5	Sodium	137	B		P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	29.7			P
7440-66-6	Zinc	1410			P
	Cyanide	1.3	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEXD93

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36217S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 77.6

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15400			P
7440-36-0	Antimony	1.3	U		P
7440-38-2	Arsenic	7.2			P
7440-39-3	Barium	46.1	B		P
7440-41-7	Beryllium	0.52	B		P
~~7440-43-9~~	~~Cadmium~~	~~0.52~~	~~U~~		P
7440-70-2	Calcium	393	B		P
7440-47-3	Chromium	17.1			P
7440-48-4	Cobalt	2.0	B		P
7440-50-8	Copper	29.4			P
7439-89-6	Iron	12400			P
7439-92-1	Lead	188			P
7439-95-4	Magnesium	1410			P
7439-96-5	Manganese	64.6			P
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel	12.5			P
7440-09-7	Potassium	864	B		P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.77	U		P
7440-23-5	Sodium	170	B		P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	37.0			P
7440-66-6	Zinc	2220			P
	Cyanide	1.3	U		C

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEXD94

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36218S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 76.4

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10400			P
7440-36-0	Antimony	81.2			P
7440-38-2	Arsenic	54.9			P
7440-39-3	Barium	522			P
7440-41-7	Beryllium	1.9			P
7440-43-9	Cadmium	3.5			P
7440-70-2	Calcium	12000			P
7440-47-3	Chromium	29.7			P
7440-48-4	Cobalt	13.4			P
7440-50-8	Copper	2320			P
7439-89-6	Iron	46300			P
7439-92-1	Lead	4260			P
7439-95-4	Magnesium	1110	B		P
7439-96-5	Manganese	1830			P
7439-97-6	Mercury	0.57			CV
7440-02-0	Nickel	663			P
7440-09-7	Potassium	608	B		P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	3.2			P
7440-23-5	Sodium	946	B		P
7440-28-0	Thallium	1.8	U		P
7440-62-2	Vanadium	25.0			P
7440-66-6	Zinc	128000			P
	Cyanide	1.3	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MEXD95

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36219S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 76.6

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9000			P
7440-36-0	Antimony	1.3	U		P
7440-38-2	Arsenic	3.1			P
7440-39-3	Barium	99.6			P
7440-41-7	Beryllium	0.62	B		P
7440-43-9	Cadmium	0.52	U		P
7440-70-2	Calcium	2320			P
7440-47-3	Chromium	11.7			P
7440-48-4	Cobalt	2.5	B		P
7440-50-8	Copper	26.2			P
7439-89-6	Iron	7300			P
7439-92-1	Lead	39.0			P
7439-95-4	Magnesium	838	B		P
7439-96-5	Manganese	336			P
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel	7.2	B		P
7440-09-7	Potassium	1390			P
7782-49-2	Selenium	1.3	U		P
7440-22-4	Silver	0.78	U		P
7440-23-5	Sodium	105	B		P
7440-28-0	Thallium	4.0			P
7440-62-2	Vanadium	20.4			P
7440-66-6	Zinc	251			P
	Cyanide	1.3	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEXD96

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Lab Sample ID: 36220S

Level (low/med): LOW Date Received: 12/16/94

% Solids: 80.6

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9880			P
7440-36-0	Antimony	3.5	B		P
7440-38-2	Arsenic	7.2			P
7440-39-3	Barium	96.8			P
7440-41-7	Beryllium	0.80	B		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	1420			P
7440-47-3	Chromium	11.3			P
7440-48-4	Cobalt	3.1	B		P
7440-50-8	Copper	70.7			P
7439-89-6	Iron	9570			P
7439-92-1	Lead	138			P
7439-95-4	Magnesium	780	B		P
7439-96-5	Manganese	329			P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	26.4			P
7440-09-7	Potassium	600	B		P
7782-49-2	Selenium	1.2	U		P
7440-22-4	Silver	0.74	U		P
7440-23-5	Sodium	119	B		P
7440-28-0	Thallium	2.4	B		P
7440-62-2	Vanadium	24.9			P
7440-66-6	Zinc	906			P
	Cyanide	1.2	U		C

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

3

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	25.0	U	68.1	B	45.6	B	59.9	B	5.264	B	P
Antimony	5.0	U	5.0	U	5.0	U	5.0	U	1.000	U	P
Arsenic	7.0	U	7.0	U	7.0	U	8.6	B	1.400	U	P
Barium	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Beryllium	1.0	U	1.0	U	1.0	U	1.2	B	0.200	U	P
Cadmium	2.0	U	2.0	U	2.0	U	2.0	U	0.400	U	P
Calcium	16.0	U	51.3	B	16.0	U	16.0	U	3.200	U	P
Chromium	5.0	U	5.0	U	5.0	U	5.0	U	1.000	U	P
Cobalt	2.0	U	2.0	U	2.0	U	2.0	U	0.400	U	P
Copper	3.0	U	3.0	U	4.1	B	3.6	B	0.600	U	P
Iron	60.0	U	60.0	U	60.0	U	60.0	U	12.000	U	P
Lead	3.0	U	3.0	U	3.0	U	3.0	U	0.600	U	P
Magnesium	15.0	U	55.1	B	15.0	U	15.0	U	3.000	U	P
Manganese	1.0	U	1.0	U	1.0	U	1.0	U	0.200	U	P
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.100	U	CV
Nickel	10.0	U	10.0	U	10.0	U	10.0	U	2.000	U	P
Potassium	200.0	U	200.0	U	200.0	U	200.0	U	40.000	U	P
Selenium	5.0	U	5.0	U	5.0	U	5.0	U	1.000	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	0.600	U	P
Sodium	23.0	U	23.0	U	23.0	U	23.0	U	4.600	U	P
Thallium	7.0	U	7.1	B	7.0	U	7.0	U	1.400	U	P
Vanadium	2.0	U	2.0	U	2.0	U	2.0	U	0.400	U	P
Zinc	4.0	U	4.0	U	4.0	U	4.0	U	0.800	U	P
Cyanide	20.0	U	20.0	U	20.0	U	20.0	U	1.000	U	C

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3

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			68.3	B	53.8	B	71.4	B			P
Antimony			5.0	U	5.0	U	5.0	U			P
Arsenic			7.0	U	7.0	U	7.0	U			P
Barium			1.1	B	1.0	U	1.0	U			P
Beryllium			1.7	B	1.0	U	1.0	U			P
Cadmium			2.0	U	2.0	U	2.0	U			P
Calcium			16.0	U	21.2	B	47.0	B			P
Chromium			5.0	U	5.0	U	5.0	U			P
Cobalt			2.0	U	2.0	U	2.0	U			P
Copper			3.8	B	3.0	U	3.0	U			P
Iron			60.0	U	60.0	U	60.0	U			P
Lead			3.0	U	3.0	U	3.0	U			P
Magnesium			15.0	U	23.5	B	42.2	B			P
Manganese			1.2	B	1.0	U	1.0	U			P
Mercury			0.2	U	0.2	U					CV
Nickel			10.0	U	10.0	U	10.0	U			P
Potassium			200.0	U	200.0	U	200.0	U			P
Selenium			5.0	U	5.0	U	5.0	U			P
Silver			3.0	U	3.0	U	3.0	U			P
Sodium			23.0	U	23.0	U	23.0	U			P
Thallium			8.4	B	-9.7	B	7.0	U			P
Vanadium			2.0	U	2.0	U	2.0	U			P
Zinc			4.0	U	4.0	U	4.0	U			P
Cyanide			20.0	U	20.0	U					C

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3

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	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	4.0	U	4.0	U	4.0	U	4.0	U			P
Cyanide											NR

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3

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	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			4.0	U	4.0	U	4.0	U			P
Cyanide											NR

U.S. EPA - CLP

3

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	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			4.0	U	4.0	U					P
Cyanide											NR

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	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	4.0	U	4.0	U	4.0	U	4.0	U			P
Cyanide											NR

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3

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	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			4.0	U	4.8	B	4.0	U			P
Cyanide											NR

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3

BLANKS

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	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			4.0	U	4.0	U	4.0	U			P
Cyanide											NR

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5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MEXD84S

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 71.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	75-125	135.3465		4.5465	B	140.85	92.9		P
Arsenic	75-125	630.3099		4.7831		563.38	111.0		P
Barium	75-125	698.7324		124.2000		563.38	102.0		P
Beryllium	75-125	15.8817		0.6620	B	14.08	108.1		P
Cadmium	75-125	17.0732		2.3127		14.08	104.8		P
Calcium									NR
Chromium	75-125	79.1718		16.5887		56.34	111.1		P
Cobalt	75-125	146.5690		2.1803	B	140.85	102.5		P
Copper	75-125	221.5718		155.6338		70.42	93.6		P
Iron									NR
Lead	75-125	396.6761		256.5775		140.85	99.5		P
Magnesium									NR
Manganese	75-125	241.8169		91.9239		140.85	106.4		P
Mercury	75-125	0.8028		0.1408	U	0.70	114.7		CV
Nickel	75-125	170.1690		21.2648		140.85	105.7		P
Potassium									NR
Selenium	75-125	670.4507		1.4085	U	563.38	119.0		P
Silver	75-125	15.9239		0.8451	U	14.08	113.1		P
Sodium									NR
Thallium	75-125	573.4366		1.9718	U	563.38	101.8		P
Vanadium	75-125	176.7746		28.7634		140.85	105.1		P
Zinc		825.4648		698.2817		140.85	90.3		P
Cyanide	75-125	13.2394		1.4085	U	14.08	94.0		C

Comments:

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6

DUPLICATES

EPA SAMPLE NO.

MEXD84D

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 71.0 % Solids for Duplicate: 70.6

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		12668.1690		12645.6338		0.2		P
Antimony		4.5465	B	4.5324	B	0.3		P
Arsenic	2.8	4.7831		6.5690		31.5		P
Barium	56.3	124.2000		124.1183		0.1		P
Beryllium		0.6620	B	0.6535	B	1.3		P
Cadmium	1.4	2.3127		2.1972		5.1		P
Calcium	1408.5	2426.4225		2424.7042		0.1		P
Chromium		16.5887		16.4873		0.6		P
Cobalt		2.1803	B	2.0930	B	4.1		P
Copper		155.6338		154.2394		0.9		P
Iron		13961.6901		13965.9155		0.0		P
Lead		256.5775		257.3634		0.3		P
Magnesium		1390.3944	B	1386.8169	B	0.3		P
Manganese		91.9239		91.7577		0.2		P
Mercury		0.1408	U	0.1408	U			CV
Nickel	11.3	21.2648		21.2254		0.2		P
Potassium		833.6056	B	832.1127	B	0.2		P
Selenium		1.4085	U	1.4085	U			P
Silver		0.8451	U	0.8451	U			P
Sodium		155.2789	B	158.5521	B	2.1		P
Thallium		1.9718	U	1.9718	U			P
Vanadium	14.1	28.7634		28.8225		0.2		P
Zinc		698.2817		698.8451		0.1		P
Cyanide		1.4085	U	1.4085	U			C

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10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

ICP ID Number: Date: 10/15/94

Flame AA ID Number: CV

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.70		0.2	0.2	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR

Comments:

CV: SPECTRO-PRODUCTS MERCURY ANALYZER

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10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

ICP ID Number: P0 Date: 10/15/94

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.20		200	25.0	P
Antimony	206.80		60	5.0	P
Arsenic	189.00		10	7.0	P
Barium	493.40		200	1.0	P
Beryllium	313.00		5	1.0	P
Cadmium	226.50		5	2.0	P
Calcium	317.90		5000	16.0	P
Chromium	267.70		10	5.0	P
Cobalt	228.60		50	2.0	P
Copper	324.70		25	3.0	P
Iron	271.40		100	60.0	P
Lead	220.40		3	3.0	P
Magnesium	279.00		5000	15.0	P
Manganese	257.60		15	1.0	P
Mercury			0.2		NR
Nickel	231.60		40	10.0	P
Potassium	766.50		5000	200.0	P
Selenium	196.00		5	5.0	P
Silver	328.00		10	3.0	P
Sodium	588.90		5000	23.0	P
Thallium	190.90		10	7.0	P
Vanadium	292.40		50	2.0	P
Zinc	213.80		20	4.0	P

Comments:
P0: ICP 61E TRACE ANALYZER

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14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: CN Method: C

Start date: 12/21/94 End date: 12/21/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1540																									X
S20.0	1.00	1542																									X
S200.0	1.00	1544																									X
S1000.0	1.00	1546																									X
S1800.0	1.00	1548																									X
ICV	1.00	1550																									X
ICB	1.00	1552																									X
CCV	1.00	1554																									X
CCB	1.00	1556																									X
ZZZZZZ	1.00	1558																									
ZZZZZZ	1.00	1600																									
ZZZZZZ	1.00	1602																									
ZZZZZZ	1.00	1604																									
ZZZZZZ	1.00	1606																									
ZZZZZZ	1.00	1608																									
ZZZZZZ	1.00	1610																									
ZZZZZZ	1.00	1612																									
ZZZZZZ	1.00	1614																									
ZZZZZZ	1.00	1616																									
CCV	1.00	1618																									X
CCB	1.00	1620																									X
ZZZZZZ	1.00	1622																									
ZZZZZZ	1.00	1624																									
ZZZZZZ	1.00	1626																									
ZZZZZZ	1.00	1628																									
ZZZZZZ	1.00	1630																									
ZZZZZZ	1.00	1632																									
PBS	1.00	1634																									X
LCSS	1.00	1636																									X
MEWN34	1.00	1638																									X
MEXD82	1.00	1640																									X
CCV	1.00	1642																									X

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14
ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: CN Method: C

Start date: 12/21/94 End date: 12/21/94

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCB	1.00	1644																									X
MEXD83	1.00	1646																									X
MEXD84	1.00	1648																									X
MEXD84D	1.00	1650																									X
MEXD84S	1.00	1652																									X
MEXD85	1.00	1654																									X
MEXD86	1.00	1656																									X
MEXD87	1.00	1658																									X
MEXD89	1.00	1700																									X
MEXD91	1.00	1702																									X
XD92	1.00	1704																									X
CCV	1.00	1706																									X
CCB	1.00	1708																									X
MEXD93	1.00	1710																									X
MEXD94	1.00	1712																									X
MEXD95	1.00	1714																									X
MEXD96	1.00	1716																									X
CCV	1.00	1718																									X
CCB	1.00	1720																									X

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14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: CV Method: CV

Start date: 01/05/95 End date: 01/05/95

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
SC	1.00	1332																X									
SC.2	1.00	1334																X									
S1.0	1.00	1336																X									
S2.0	1.00	1338																X									
S4.0	1.00	1340																X									
S6.0	1.00	1342																X									
ICV	1.00	1344																X									
ICB	1.00	1346																X									
CCV	1.00	1348																X									
CCB	1.00	1350																X									
RA	1.00	1352																X									
PBS	1.00	1354																X									
LCSS	10.00	1356																X									
MEWN34	1.00	1358																X									
MEXD82	1.00	1400																X									
MEXD83	1.00	1402																X									
MEXD84	1.00	1404																X									
MEXD84D	1.00	1406																X									
MEXD84S	1.00	1408																X									
MEXD85	1.00	1410																X									
CCV	1.00	1412																X									
CCB	1.00	1414																X									
MEXD86	1.00	1416																X									
MEXD87	1.00	1418																X									
MEXD89	1.00	1420																X									
MEXD91	1.00	1422																X									
MEXD92	1.00	1424																X									
MEXD93	1.00	1426																X									
MEXD94	1.00	1428																X									
MEXD95	1.00	1430																X									
MEXD96	1.00	1432																X									
ZZZZZZ	1.00	1434																									

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14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: CV Method: CV

Start date: 01/05/95 End date: 01/05/95

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.00	1436																X									
CCB	1.00	1438																X									
ZZZZZZ	10.00	1440																									
ZZZZZZ	1.00	1442																									
ZZZZZZ	1.00	1444																									
ZZZZZZ	1.00	1446																									
ZZZZZZ	1.00	1448																									
ZZZZZZ	1.00	1450																									
ZZZZZZ	1.00	1452																									
ZZZZZZ	1.00	1454																									
ZZZZZZ	1.00	1456																									
ZZZZZZ	1.00	1458																									
CCV	1.00	1500																X									
CCB	1.00	1502																X									
ZZZZZZ	1.00	1504																									
ZZZZZZ	1.00	1506																									
ZZZZZZ	1.00	1508																									
ZZZZZZ	1.00	1510																									
CCV	1.00	1512																X									
CCB	1.00	1514																X									

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14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 12/27/94 End date: 12/27/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1248		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
S	1.00	1250																			X			X			
S	1.00	1252		X						X				X		X				X			X				
S	1.00	1254			X	X	X	X	X		X	X	X		X		X		X						X	X	
S	1.00	1255																				X					
ICV	1.00	1257		X			X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X	
ICV	1.00	1300				X															X						
ICV	1.00	1305			X																						
ICV	1.00	1309													X									X			
ICB	1.00	1312		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	1320			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.00	1326		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1334		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1337		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1340		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1343																									
ZZZZZZ	1.00	1346																									
PBS	1.00	1351		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1356																									
ZZZZZZ	1.00	1401																									
LCSS	1.00	1404		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1408																									
ZZZZZZ	1.00	1411																									
ZZZZZZ	1.00	1414																									
ZZZZZZ	1.00	1420																									
CCV	1.00	1423		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1426		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1431																									
ZZZZZZ	1.00	1434																									
MEWN34	1.00	1439		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MEXD82	1.00	1445		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MEXD83	1.00	1450		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 12/27/94 End date: 12/27/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MEXD85	1.00	1455		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		
MEXD86	1.00	1502		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		
MEXD87	1.00	1505		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		
MEXD89	1.00	1509		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		
MEXD91	1.00	1517		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1520		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1523		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MEXD92	1.00	1527		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MEXD93	1.00	1530		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		
MEXD94	1.00	1533		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		
MEXD95	1.00	1537		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MEXD96	1.00	1542		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1546																									
ZZZZZZ	1.00	1552																									
ZZZZZZ	1.00	1555																									
ZZZZZZ	1.00	1558																									
CCV	1.00	1601		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1604		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1608																									
ZZZZZZ	1.00	1611																									
ZZZZZZ	1.00	1624																									
ZZZZZZ	5.00	1641																									
MEXD84	1.00	1647		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MEXD84D	1.00	1650		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MEXD84S	1.00	1654			X	X	X	X	X		X	X	X		X		X		X		X	X		X	X	X	
ZZZZZZ	1.00	1657																									
MEXD84L	5.00	1707		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1715																									
CCV	1.00	1718		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1721		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	1726			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
ICSA	1.00	1732		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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14
ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 12/27/94 End date: 12/27/94

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB	1.00	1741		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1744		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1747		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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14
ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 01/09/95 End date: 01/09/95

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1332																								X	
S	1.00	1333																									
S	1.00	1335																									
S	1.00	1337																								X	
S	1.00	1338																									
ICV	1.00	1400																								X	
ICV	1.00	1405																									
ICV	1.00	1413																									
ICV	1.00	1416																									
ICB	1.00	1419																								X	
RI	1.00	1424																								X	
ICSA	1.00	1428																								X	
ICSAB	1.00	1435																								X	
CCV	1.00	1438																								X	
CCB	1.00	1441																								X	
ZZZZZZ	1.00	1445																									
ZZZZZZ	1.00	1448																									
ZZZZZZ	1.00	1451																									
ZZZZZZ	1.00	1454																									
ZZZZZZ	1.00	1500																									
ZZZZZZ	1.00	1504																									
ZZZZZZ	1.00	1510																									
ZZZZZZ	1.00	1513																									
ZZZZZZ	1.00	1517																									
ZZZZZZ	1.00	1520																									
CCV	1.00	1523																								X	
CCB	1.00	1526																								X	
ZZZZZZ	1.00	1529																									
ZZZZZZ	1.00	1532																									
ZZZZZZ	1.00	1535																									
ZZZZZZ	1.00	1539																									
ZZZZZZ	1.00	1542																									

U.S. EPA - CLP

14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 01/09/95 End date: 01/09/95

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1545																									
ZZZZZZ	1.00	1548																									
ZZZZZZ	1.00	1551																									
ZZZZZZ	1.00	1554																									
ZZZZZZ	1.00	1558																									
CCV	1.00	1601																								X	
CCB	1.00	1604																								X	
ZZZZZZ	1.00	1608																									
ZZZZZZ	1.00	1612																									
ZZZZZZ	1.00	1616																									
ZZZZZZ	5.00	1620																									
ZZZZZZ	1.00	1630																									
ZZZZZZ	1.00	1633																									
ZZZZZZ	1.00	1636																									
ZZZZZZ	5.00	1639																									
ZZZZZZ	1.00	1645																									
ZZZZZZ	1.00	1648																									
CCV	1.00	1651																								X	
CCB	1.00	1654																								X	
ZZZZZZ	1.00	1657																									
ZZZZZZ	1.00	1704																									
ZZZZZZ	1.00	1709																									
ZZZZZZ	1.00	1712																									
ZZZZZZ	1.00	1715																									
ZZZZZZ	1.00	1718																									
ZZZZZZ	1.00	1721																									
ZZZZZZ	1.00	1724																									
ZZZZZZ	1.00	1727																									
ZZZZZZ	1.00	1731																									
CCV	1.00	1734																								X	
CCB	1.00	1737																								X	
ZZZZZZ	1.00	1741																									

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 01/09/95 End date: 01/09/95

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1744																									
ZZZZZZ	1.00	1748																									
ZZZZZZ	5.00	1751																									
ZZZZZZ	1.00	1756																									
ZZZZZZ	1.00	1800																									
ZZZZZZ	1.00	1805																									
ZZZZZZ	1.00	1809																									
ZZZZZZ	1.00	1815																									
ZZZZZZ	1.00	1821																									
CCV	1.00	1824																								X	
CCB	1.00	1827																								X	
ZZZZZZ	1.00	1834																									
ZZZZZZ	1.00	1837																									
ZZZZZZ	10.00	1844																									
ZZZZZZ	10.00	1847																									
ZZZZZZ	10.00	1850																									
ZZZZZZ	10.00	1853																									
ZZZZZZ	10.00	1856																									
ZZZZZZ	1.00	1902																									
ZZZZZZ	1.00	1911																									
ZZZZZZ	1.00	1914																									
CCV	1.00	1917																								X	
CCB	1.00	1920																								X	
MEXD86	5.00	1929																								X	
MEXD87	5.00	1932																								X	
MEXD89	5.00	1935																								X	
MEXD94	5.00	1939																									
MEXD85	5.00	1946																								X	
MEXD93	5.00	1949																								X	
CRI	1.00	1952																								X	
ICSA	1.00	2000																								X	
ICSAB	1.00	2003																								X	

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14
ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 01/09/95 End date: 01/09/95

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.00	2006																								X	
CCB	1.00	2009																								X	

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14
ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 01/12/95 End date: 01/12/95

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0926																								X	
S	1.00	0928																									
S	1.00	0929																									
S	1.00	0932																								X	
S	1.00	0933																									
ICV	1.00	1016																								X	
ICV	1.00	1027																									
ICV	1.00	1033																									
ICB	1.00	1038																								X	
CRI	1.00	1043																								X	
ICSA	1.00	1049																								X	
ICSAB	1.00	1054																								X	
CCV	1.00	1057																								X	
CCB	1.00	1100																								X	
ZZZZZZ	1.00	1106																									
ZZZZZZ	1.00	1109																									
ZZZZZZ	1.00	1112																									
ZZZZZZ	1.00	1120																									
ZZZZZZ	1.00	1127																									
ZZZZZZ	1.00	1130																									
ZZZZZZ	1.00	1138																									
ZZZZZZ	1.00	1145																									
ZZZZZZ	1.00	1156																									
ZZZZZZ	1.00	1159																									
CCV	1.00	1202																								X	
CCB	1.00	1205																								X	
ZZZZZZ	1.00	1208																									
ZZZZZZ	1.00	1211																									
ZZZZZZ	1.00	1214																									
ZZZZZZ	1.00	1220																									
ZZZZZZ	1.00	1223																									
ZZZZZZ	1.00	1226																									

FORM XIV - IN

00069

U.S. EPA - CLP

14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 01/12/95 End date: 01/12/95

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1241																									
ZZZZZZ	1.00	1244																									
ZZZZZZ	1.00	1249																									
ZZZZZZ	1.00	1252																									
CCV	1.00	1255																								X	
CCB	1.00	1258																								X	
ZZZZZZ	1.00	1302																									
ZZZZZZ	1.00	1305																									
ZZZZZZ	1.00	1308																									
ZZZZZZ	1.00	1311																									
ZZZZZZ	1.00	1314																									
ZZZZZZ	1.00	1317																									
ZZZZZZ	1.00	1320																									
ZZZZZZ	1.00	1323																									
ZZZZZZ	1.00	1326																									
ZZZZZZ	1.00	1329																									
CCV	1.00	1332																								X	
CCB	1.00	1335																								X	
ZZZZZZ	1.00	1345																									
ZZZZZZ	1.00	1348																									
ZZZZZZ	1.00	1351																									
ZZZZZZ	1.00	1355																									
ZZZZZZ	1.00	1426																									
CCV	1.00	1429																								X	
CCB	1.00	1432																								X	
ZZZZZZ	1.00	1437																									
MEXD94	100.00	1440																								X	
CCV	1.00	1443																								X	
CCB	1.00	1446																								X	
ZZZZZZ	1.00	1457																									
CCV	1.00	1533																								X	
CCB	1.00	1536																								X	

FORM XIV - IN

U.S. EPA - CLP

14

ANALYSIS RUN LOG

Lab Name: CHEMTECH CONSULTING GROUP Contract: 68D30038

Lab Code: CHEM Case No.: 23054 SAS No.: SDG No.: MEWN34

Instrument ID Number: P0 Method: P

Start date: 01/12/95 End date: 01/12/95

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1655																									
ZZZZZZ	1.00	1658																									
ZZZZZZ	1.00	1706																									
CCV	1.00	1709																								X	
CCB	1.00	1712																								X	
CRI	1.00	1715																								X	
ICSA	1.00	1718																								X	
ICSAB	1.00	1721																								X	
CCV	1.00	1724																								X	
CCB	1.00	1727																								X	

FORM XIV - IN

00071