	ALICYCLIC HYDROCARBON	10.91	17	UG/L	J
	ALICYCLIC HYDROCARBON	11.52	14	UG/L	J
	BENZENE, DIETHYL- AND UNKNOW	10.25	8	UG/L	J
	NAPHTHALENE, DECAHYDRO- ISOM	10.55	23	UG/L	J
	UNKNOWN	8.60	47	UG/L	J
	UNKNOWN	8.77	6	UG/L	J
	UNKNOWN	8.94	16	UG/L	J
	UNKNOWN	9.12	9	UG/L	J
	UNKNOWN	9.18	10	UG/L	J
	UNKNOWN	9.50	15	UG/L	J
	UNKNOWN	9.71	16	UG/L	J
	UNKNOWN	10.31	7	UG/L	J
	UNKNOWN	10.70	7	UG/L	J
	UNKNOWN	11.02	18	UG/L	J
	UNKNOWN	11.11	12	UG/L	J
	UNKNOWN	11.21	11	UG/L	J
	UNKNOWN	11.36	15	UG/L	J
	UNKNOWN	11.59	15	UG/L	J
EZB35					
	UNKNOWN	16.16	96	UG/L	J
	UNKNOWN FATTY ACID	17.65	52	UG/L	J
	HEXADECANOIC ACID	18.76	10	UG/L	JN
EZL26					
	POLYNUCLEAR AROMATIC HYDROCA	20.19	8	UG/L	J
	UNKNOWN	19.21	28	UG/L	J
	UNKNOWN	19.33	6	UG/L	J
	UNKNOWN	20.43	5	UG/L	J
	UNKNOWN	22.25	5	UG/L	J
	PHENOL, 3-(2-PHENYLETHYL)-	18.25	19	UG/L	JN

Missing Contents Error Report

SDG NO: EZL24
CASE NO: 24544

LABORATORY: CEIMIC CORPOR
AGENCY INPUT FILE: EZL24.OAS

FIELD DESCRIPTION	CADRE KEY		
Date Received	Record Type 21	Line 1948	Format YY/MM/DD
Analysis Time	Record Type 20	Line 5593	Format HH:MM
Sulfur Cleanup	Record Type 27	Line 6131	Format RANGE
Sulfur Cleanup	Record Type 27	Line 6168	Format RANGE
Analysis Time	Record Type 20	Line 6803	Format HH:MM
Analysis Time	Record Type 20	Line 7024	Format HH:MM
Sulfur Cleanup	Record Type 27	Line 7562	Format RANGE
Sulfur Cleanup	Record Type 27	Line 7599	Format RANGE
Analysis Time	Record Type 20	Line 8234	Format HH:MM

EPA United States Environmental Protection Agency Contract Laboratory Program

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

SAS No. (if applicable): —
Case No.: 24544

1. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (Specify in Column A)

2. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. Other (Specify in Column D)
N. Not preserved

2. Region No.: V
Sampling Co.: MDEQ
4. Date Shipped: V
Carrier: Airbourne
6. Date Received -- Received by: 4/4/96
Laboratory Contract Number: 68-D5-0079
Unit Price: 1
Sampler (Name): Cindy Fairbanks
Airbill Number: 6883002383
Sampler Signature: Cindy Fairbanks
5. Ship To: Ceimic Corporation, 10 Dean Knauss Drive, Narragansett, RI 02882
ATTN:
7. Transfer to:
Date Received
Received by
Contract Number
Price

3. Purpose
Lead: SF, PRP, ST, FED
Early Action: CLEM, PA, REM, RI, SI, ESI
Long Term Action: FS, RD, RA, O&M, NPLD

CLP Sample Numbers (from labels)	A Matrix (from Box 1) / Other	B Conc. Low Med High	C Sample Type: Comp./Grab	D Preservative (from Box 2) / Other	E RAS Analysis: VOA	BNA	Pest/PCB	High only ARO/TOX	F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K High Phases: Solids	Water-Miscible Liq.	Water-Immis. Liq.
EZB35	4	L	G	1	X				5-002451,52	FB2 (R03)	4/3/96 0930	MEYB35	CSF			
EZB35	4	L	G	5		X	X		5-002453,54	FB2 (R03)	4/3/96 0930	MEYB35	CSF			
EZB36	4	L	G	1	X				5-002457,58	PB2 (R04)	4/3/96 1130	MEYB36	CSF			
EZB36	4	L	G	5		X	X		5-002459,60	PB2 (R04)	4/3/96 1130	MEYB36	CSF			

Shipment for Case Complete? (Y/N): Y
Page 1 of 1
Sample(s) to be Used for Laboratory QC:
Additional Sampler Signatures:
Chain of Custody Seal Number(s): 173418 173419

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Cindy Fairbanks	4/3/96 1200				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	
			4/4/96 10:00	Coolers Temp = 4°C, 5°C, 4°C	

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250011

EPA United States Environmental Protection Agency
Contract Laboratory Program

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

SAS No. (if applicable): ____
Case No.: 24544

1. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (Specify in Column A)

2. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. Other (Specify in Column D)
N. Not preserved

2. Region No.: V
Sampling Co.: MDEQ
Sampler (Name): Cindy Fairbanks
Sampler Signature: Cindy S Fairbanks
3. Purpose: Lead: SF, PRP, [X] ST, FED; Early Action: CLEM, PA, REM, RI, SI, [X] ESI; Long-Term Action: FS, RD, RA, O&M, NPLD

4. Date Shipped: 4/3/96
Carrier: Airbourne
Airbill Number: 6883002303 ~~6883011254~~ CSF 4/3/96
5. Ship To: Celmic Corporation, 10 Dean Knauss Drive, Narragansett, RI 02882
ATTN:

6. Date Received -- Received by: 4/4/96
Laboratory Contract Number: 68-05-0019
Unit Price: 1
7. Transfer to:
Date Received:
Received by:
Contract Number:
Price:

CLP Sample Numbers (from labels)	A Matrix (from Box 1) / Other:	B Conc.: Low Med High	C Sample Type: Comp./Grab	D Preservative (from Box 2) / Other:	E RAS Analysis: VOA	BNA	Pest/PCB	High only: ARO/TOX	F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K High Phases: Solids	Water-Miscible Liq.	Water-Immis. Liq.
~~EZL24~~	~~2~~	~~L~~	~~G~~	~~1~~	~~X~~				~~5-002409,10~~	~~MW5~~	~~4/3/96 1610~~	~~MEYR24~~	~~CSF~~			
~~EZL24~~	~~2~~	~~L~~	~~G~~	~~5~~		~~X~~	~~X~~		~~5-002411,12~~	~~MW5~~	~~4/3/96 1610~~	~~MEYR24~~	~~CSF~~			
EZL25	2	L	G	1	X				5-002415,16	MW6	4/3/96 0940	MEYR25	CSF			
EZL25	2	L	G	5		X	X		5-002417,18	MW6	4/3/96 0940	MEYR25	CSF			
EZL26	2	L	G	1	X				5-002421,22	MW7	4/3/96 1040	MEYR26	CSF			
EZL26	2	L	G	5		X	X		5-002423,24	MW7	4/3/96 1040	MEYR26	CSF			
EZL27	2	L	G	5	X				5-002427,28	MW70(DOI)	4/3/96 1040	MEYR27	CSF			
EZL27	2	L	G	5		X	X		5-002429,30	MW70(DOI)	4/3/96 1040	MEYR27	CSF			

Shipment for Case Complete? (Y/N): Y
Page 1 of 1
Sample(s) to be Used for Laboratory QC:
Additional Sampler Signatures:
Chain of Custody Seal Number(s): 148493, 148494

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Cindy S Fairbanks	4/3/96 1130				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	
			4/4/96 10:00	Cooler Temp: 4°, 5°, 4°	

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250905

EPA United States Environmental Protection Agency Contract Laboratory Program

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

SAS No. (if applicable): —

Case No.: 24544

1. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (Specify in Column A)

2. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. Other (Specify in Column D)
N. Not preserved

2. Region No.: V

Sampling Co.: MDEQ

Sampler (Name): Cindy Fairbanks

Sampler Signature: Cindy Fairbanks

3. Purpose: Lead: SF, PRP, ST (X), FED; Early Action: CLEM, PA, REM, RI, SI, ESI (X); Long-Term Action: FS, RD, RA, O&M, NPLD

4. Date Shipped: 4/2/96

Carrier: Airbourne

Airbill Number: 6883 0024 86

5. Ship To: Celmic Corporation, 10 Dean Knauss Drive, Narragansett, RI 02882

ATTN:

6. Date Received -- Received by: 4/3/96 Corey Schwartz

Laboratory Contract Number: 68-D5-0019

Unit Price: A

7. Transfer to:

Date Received:

Received by:

Contract Number:

Price:

CLP Sample Numbers (from labels)	A Matrix (from Box 1) Other:	B Conc. Low Med High	C Sample Type: Comp./Grab	D Preservative (from Box 2) Other:	E RAS Analysis VOA	BNA	Pest/PCB	High only ARO/TOX	F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K High Phases Solids	Water-Miscible Liq.	Water-Immis. Liq.
EZL27	2	L	G	1	X				5-002427,28	DMW7D(001)	4/2/96	MEYR27	CSF			
EZL27	2	L	G	5		X	X		5-002429,30	MW7D(001)	4/2/96	MEYR27	CSF			
EZL28	4	L	G	1	X				5-002433,34	FBI(R01)	4/2/96 1000	MEYR28	CSF			
EZL28	4	L	G	5		X	X		5-002435,36	FBI(R01)	4/2/96 1000	MEYR28	CSF			
EZL29	4	L	G	1	X				5-002439,40	PBI(R02)	4/2/96 1640	MEYR29	CSF			
EZL29	4	L	G	5		X	X		5-002441,42	PBI(R02)	4/2/96 1640	MEYR29	CSF			
EZL24	2	L	G	1	X				5-002409,10	MW5	4/2/96 1610	MEYR24	CSF			
EZL24	2	L	G	5		X	X		5-002411,12	MW5	4/2/96 1610	MEYR24	CSF			

Shipment for Case Complete? (Y/N): Y

Page 1 of 1

Sample(s) to be Used for Laboratory QC:

Additional Sampler Signatures:

Chain of Custody Seal Number(s): 148495, 148496

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	4/2/96 1700				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks Is custody seal intact? Y/N/none	
		[signature]	4/3/96 10:00	Cooler Temp = 5°C	

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

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Original in SDG# EZL01

EPA United States Environmental Protection Agency Contract Laboratory Program

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

SAS No. (if applicable): —

Case No.: 24541

1. Matrix (Enter in Column A): 1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify in Column A)

2. Preservative (Enter in Column D): 1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. Other (Specify in Column D) N. Not preserved

2. Region No.: V

Sampling Co.: MOEQ

4. Date Shipped: 4/3/96

Carrier: Airborne

6. Date Received – Received by: 4/4/96

Sampler (Name): Cindy Fairbanks

Airbill Number: 6883002383

Laboratory Contract Number: 68-D5-0019

Unit Price: 1

Sampler Signature: Cindy Fairbanks

3. Purpose: Lead: SF, PRP, ST, FED. Early Action: CLEM, PA, REM, RI, SI, ESI. Long-Term Action: FS, RD, RA, O&M, NPLD

5. Ship To: Celmic Corporation, 10 Dean Knauss Drive, Narragansett, RI 02882. ATTN:

7. Transfer to:

Date Received:

Received by:

Contract Number:

Price:

CLP Sample Numbers (from labels)	A Matrix (from Box 1)	B Conc. Low Med High	C Sample Type: Comp./Grab	D Preservative (from Box 2)	E RAS Analysis: VOA	BNA	Pest/PCB	High only ARO/TOX	F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K High Phases: Solids	Water-Miscible Liq.	Water-Immis. Liq.
EZL16	5	L	G	5	X				5-002361,62	SB16	4/3/96 1200	MEYR16	CSF			
EZL16	5	L	G	5		X	X		5-002363	SB16	4/3/96 1200	MEYR16	CSF			
EZL17	5	L	G	5	X				5-002365,66	SB17		MEYR17	CSF			
EZL17	5	L	G	5		X	X		5-002367	SB17		MEYR17	CSF			
EZL18	5	L	G	5	X				5-002369,70	SB18	4/3/96 1500	MEYR18	CSF			
EZL18	5	L	G	5		X	X		5-002371	SB18	4/3/96 1500	MEYR18	CSF			
EZL19	5	L	G	5	X				5-002373,74	SB19	4/3/96 1400	MEYR19	CSF			
EZL19	5	L	G	5		X	X		5-002375	SB19	4/3/96 1400	MEYR19	CSF			

Shipment for Case Complete? (Y/N): Y

Page 2 of 2

Sample(s) to be Used for Laboratory QC: EZL01

Additional Sampler Signatures:

Chain of Custody Seal Number(s): 148487, 148488

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Cindy Fairbanks	4/3/96 1600				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks Is custody seal intact? Y/N/none	
			4/4/96 10:00	Cooler temp 4° 5° 6° C	

A21-012-4 REV. 3/93

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

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SDG Narrative

The enclosed data package is in response to USEPA Case No. 24544, SDG No. EZL24, Contract No. 68-D5-0019. Under this SDG there are 14 VOA, 14 SVOA and 14 PEST analyses for 8 aqueous and 2 soil samples which were received at Ceimic Corporation on April 3rd and 4th, 1996 from Region V.

This data package includes the analyses for the following samples from SDG No. EZL24; all of which are billable:

(1)

EPA ID	Ceimic ID	Analyses	VOA pH
EZB35	960231-06	VOA, SVOA, PEST	1
EZB36	960231-07	VOA, SVOA, PEST	1
EZL18	960231-01	VOA, SVOA, PEST	
EZL19 MS/MSD	960231-02 MS/MSD	VOA, SVOA, PEST	
EZL24	960231-10	VOA, SVOA, PEST	1
EZL25	960231-03	VOA, SVOA, PEST	1
EZL26	960231-04	VOA, SVOA, PEST	1
EZL26MS/MSD	960231-04MS/MSD	VOA, SVOA	1
EZL27	960231-05	VOA, SVOA, PEST	1
EZL27MS/MSD	960231-05MS/MSD	PEST	
EZL28	960231-08	VOA, SVOA, PEST	1
EZL29	960231-09	VOA, SVOA, PEST	1

Sample Receipt

Coolers temperatures upon receipt were 4 and 5°C.

Incident:

> Ceimic received the inorganic aliquot for organic sample EZL18. The container which was received had a tag (#5-002372) and bottle label which indicated the sample id was MEYR18. According to the traffic report, MEYR18 is the corresponding CLP inorganic sample number. The sampler notified CLASS that CEIMIC could proceed with the analysis utilizing the aliquot received.

The submitted data covers the analysis of the Volatiles (VOA), Semivolatiles (SVOA) and Pesticides (PEST/PCB) 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, 3 μm film thickness DB-624 megabore column (Hewlett-Packard).

Supelco VOCARB 3000 Trap
10.0 cm Carbopack B/6.0 cm Carboxen 1000/1.0 cm Carboxen 1001

MS5: HP5970B GC/MS using 20 m x 0.2 mm ID, 1 μm film thickness DB-624 megabore column (Hewlett-Packard).

Supelco VOCARB 3000 Trap
10.0 cm Carbopack B/6.0 cm Carboxen 1000/1.0 cm Carboxen 1001

B. SVOA

MS4: HP5970B GC/MS using 30 m x 0.25 mm ID, 0.5 μm film thickness DB-5 fused silica capillary column (J.W. Scientific).

MS9: HP5970B GC/MS using 30 m x 0.25 mm ID, 0.5 μm film thickness DB-5 fused silica capillary column (J.W. Scientific).

MS10: HP5970B GC/MS using 30 m x 0.25 mm ID, 0.5 μm film thickness DB-5 fused silica capillary column (J.W. Scientific).

GC Analysis

C. PEST

AD17_1: HP5890II using 30 m x 0.53 mm ID, 0.83 μm film thickness DB-608 megabore column (J.W. Scientific), GC-6.

AD18_1: HP5890II using 30 m x 0.53 mm ID, 0.50 μm film thickness DB-1701 megabore column (J.W. Scientific), GC-6.

(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
SS1(SMC1)	Toluene-d8	SMC
SS2(SMC2)	Bromofluorobenzene	SMC
SS3(SMC3)	1,2-Dichloroethane-d4	SMC

IS = Internal Standard
SMC = System Monitoring Compound

The concentrations on quantitation reports for cis and trans-1,2-Dichloroethene, o-Xylene and m,p-Xylenes, were determined using their individual RF's; while concentrations for 1,2-Dichloroethene (total) and Xylene (total) were determined using the 1,2-Dichloroethene (total) and o-Xylene RF respectively.

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

No noncompliances are noted.

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

Neil Pothier, Laboratory Manager

May 8, 1996
Date

CEIMIC CORPORATION
VOA Tentatively Identified Alkanes

Client : U.S. EPA, Region V
Project: 960231 24544
Case :

Ceimic ID	Client ID	Alkanes	Estimated Concentration ppb
960231-07	EZB36	None detected	
960231-08	EZL28	None detected	
960231-09	EZL29	None detected	
960231-10	EZL24	Alkyl cyclohexane Aliphatic hydrocarbon Alkyl cyclopentane	510 140 81
960231-22	VHBLK01	None detected	

CEIMIC CORPORATION
BNA Tentatively Identified Alkanes

Client : U.S. EPA, Region V
Project: 960231 24544
Case :

Ceimic ID	Client ID	Alkanes	Estimated Concentration ppb
960231-07	EZB36	Aliphatic hydrocarbon	Ø
960231-08	EZL28	Aliphatic hydrocarbon	Ø
960231-09	EZL29	Aliphatic hydrocarbon	Ø
960231-10	EZL24	Aliphatic hydrocarbon	8300

CEIMIC CORPORATION
BNA Tentatively Identified Alkanes

Client : U.S. EPA, Region V
Project: 960231 24544
Case :

Ceimic ID	Client ID	Alkanes	Estimated Concentration ppb
960231-01	EZL18	Aliphatic hydrocarbon	350
960231-02	EZL19	Aliphatic hydrocarbon	5800
960231-02	EZL19 MS	Aliphatic hydrocarbon	
960231-02	EZL19 MSD	Aliphatic hydrocarbon	4/30/96
960231-03	EZL25	Aliphatic hydrocarbon	Ø
960231-04	EZL26	Aliphatic hydrocarbon	Ø
960231-04	EZL26 MS	Aliphatic hydrocarbon	
960231-04	EZL26 MSD	Aliphatic hydrocarbon	4/30/96
960231-05	EZL27	Aliphatic hydrocarbon	Ø
960231-06	EZB35	Aliphatic hydrocarbon	Ø 170

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	EZB35	104	96	95	0	0
02	EZB36	104	94	94	0	0
03	EZL24	103	112	107	0	0
04	EZL25	102	99	96	0	0
05	EZL26	102	98	99	0	0
06	EZL27	101	95	100	0	0
07	EZL28	102	96	100	0	0
08	EZL29	99	93	104	0	0
09	EZL26MS	100	95	99	0	0
10	EZL26MSD	101	95	98	0	0
11	VBLKBB	102	96	93	0	0
12	VBLKBC	101	96	97	0	0
13	VBLKEE	95	94	105	0	0
14	VBLKEF	97	95	100	0	0

		QC LIMITS
SMC1 (TOL)	= Toluene-d8	(88-110)
SMC2 (BFB)	= Bromofluorobenzene	(86-115)
SMC3 (DCE)	= 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VHBLK01	97	96	110	0	0

		QC LIMITS
SMC1 (TOL)	= Toluene-d8	(88-110)
SMC2 (BFB)	= Bromofluorobenzene	(86-115)
SMC3 (DCE)	= 1,2-Dichloroethane-d4	(76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Level:(low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	EZL18	109	97	105	0	0
02	EZL19	111	90	109	0	0
03	EZL19MS	107	92	140 *	0	1
04	EZL19MSD	110	89	129 *	0	1
05	VBLKBD	103	100	98	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

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix Spike - EPA Sample No.: EZL26

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.00	0	52.80	106	61-145
Trichloroethene	50.00	0	54.14	108	71-120
Benzene	50.00	0	50.82	102	76-127
Toluene	50.00	0	53.75	108	76-125
Chlorobenzene	50.00	0	54.58	109	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50.00	54.33	109	3	14	61-145
Trichloroethene	50.00	56.83	114	5	14	71-120
Benzene	50.00	54.45	109	7	11	76-127
Toluene	50.00	56.82	114	5	13	76-125
Chlorobenzene	50.00	57.48	115	5	13	75-130

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:

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix Spike - EPA Sample No.: EZL19 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	57.50	0	80.23	140	59-172
Trichloroethene	57.50	0	63.40	110	62-137
Benzene	57.50	0	66.54	116	66-142
Toluene	57.50	0	71.70	125	59-139
Chlorobenzene	57.50	0	68.44	119	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	57.50	77.99	136	3	22	59-172
Trichloroethene	57.50	63.19	110	0	24	62-137
Benzene	57.50	67.63	118	2	21	66-142
Toluene	57.50	74.10	129	3	21	59-139
Chlorobenzene	57.50	70.27	122	2	21	60-133

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

Values outside of QC limits

PD: 0 out of 5 outside limits
pike Recovery: 0 out of 10 outside limits

OMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKBB

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab File ID: BV290 Lab Sample ID: V20409-B2

Date Analyzed: 04/09/96 Time Analyzed: 2114

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

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	EZB35	960231-06	BV300	0335
02	EZB36	960231-07	BV301	0410

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKBC

ab Name: CEIMIC CORP Contract: 68-D5-0019

ab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

ab File ID: BV311 Lab Sample ID: V20410-B1

ate Analyzed: 04/10/96 Time Analyzed: 1102

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

nstrument 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	EZL25	960231-03	BV314	1311
02	EZL26	960231-04	BV315	1350
03	EZL27	960231-05	BV318	1545
04	EZL28	960231-08	BV319	1624
05	EZL26MS	960231-04MS	BV316	1428
06	EZL26MSD	960231-04MSD	BV317	1507

OMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKEE

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab File ID: E0487 Lab Sample ID: V50411-B1

Date Analyzed: 04/11/96 Time Analyzed: 1126

GC Column: DB-624 ID: 0.200 (mm) Heated Purge: (Y/N) N

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	EZL29	960231-09	E0497	1749

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKBD

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab File ID: BV347 Lab Sample ID: V20411-B1

Date Analyzed: 04/11/96 Time Analyzed: 1200

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	EZL18	960231-01	BV355	1721
02	EZL19	960231-02	BV356	1759
03	EZL19MS	960231-02MS	BV357	1837
04	EZL19MSD	960231-02MSD	BV358	1916

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKEF

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab File ID: EO510 Lab Sample ID: V50412-B1

Date Analyzed: 04/12/96 Time Analyzed: 1132

GC Column: DB624 ID: 0.200 (mm) Heated Purge: (Y/N) N

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	EZL24	960231-10	EO516	1544
02	VHBLK01	960231-22	EO525	2059

COMMENTS: V50412-B1 CH#09
METHOD BLANK VBLKEF

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB35

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-06

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV300

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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	4	BJ
67-64-1	Acetone	9	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	16	
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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZB35

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-06

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV300

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
==========	==========	========	==========	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB36

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-07

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV301

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 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/L	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	4	BJ
67-64-1	Acetone	23	
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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZB36

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-07

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV301

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL18

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: BV355

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. 10 Date Analyzed: 04/11/96

GC Column: DB624 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	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	9	J
67-64-1	Acetone	17	
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	3	J

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL18

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: BV355

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. 10 Date Analyzed: 04/11/96

GC Column: DB624 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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL19

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: BV356

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. 13 Date Analyzed: 04/11/96

GC Column: DB624 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	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	10	J
67-64-1	Acetone	11	J
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL19

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: BV356

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. 13 Date Analyzed: 04/11/96

GC Column: DB624 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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL24

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-10

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: EO516

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: not dec. ____ Date Analyzed: 04/12/96

GC Column: DB624 ID: 0.200 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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	10	U
67-64-1	Acetone	4	BJ
75-15-0	Carbon Disulfide	5	J
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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL24

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-10

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E0516

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: not dec. ____ Date Analyzed: 04/12/96

GC Column: DB624 ID: 0.200 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 29

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Alkyl cyclohexane	11.13	7	J
2.	Aliphatic hydrocarbon	11.80	6	J
3.	Alkyl cyclohexane	12.05	28	J
4.	C9H18 isomer	12.37	48	J
5.	Aliphatic hydrocarbon	12.58	5	J
6.	Alkyl cyclohexane	13.11	130	J
7.	Unknown	13.36	21	J
8.	Alkyl cyclohexane	13.55	210	J
9.	Unknown	13.87	88	J
10.	Unknown	13.99	200	J
11.	Aliphatic hydrocarbon	14.22	130	J
12.	Unknown	14.45	17	J
13.	C10H20 isomer	14.58	130	J
14.	Unknown	14.77	43	J
15.	Unknown	14.91	140	J
16.	Alkyl cyclopetane	15.00	81	J
17.	Unknown	15.27	140	J
18.	Unknown	15.48	64	J
19.	Unknown	15.67	79	J
20.	Alkyl cyclohexane	15.78	90	J
21.	Unknown	16.33	12	J
22.	C10H18 isomer	16.47	130	J
23.	Unknown	16.61	26	J
24.	Unknown	16.70	28	J
25.	Unknown	16.86	37	J
26.	C5-Benzene isomer	17.14	16	J
27.	Unknown	17.28	19	J
28.	Unknown	17.37	41	J
29.	Unknown	17.46	24	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL25

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-03

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV314

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 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/L	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

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FORM I VOA

OLM03.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL25

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-03

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV314

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 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/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL26

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-04

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV315

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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	9	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	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.

EZL26

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-04

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV315

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4-Benzene isomer	21.64	7	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL27

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-05

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV318

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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	10	U
67-64-1	Acetone	2	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	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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL27

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-05

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV318

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	C4-Benzene isomer	21.64	6	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL28

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-08

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV319

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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	
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	22	
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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL28

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-08

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV319

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: not dec. ____ Date Analyzed: 04/10/96

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
==========	==========	========	==========	=====

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL29

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-09

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: EO497

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: not dec. ____ Date Analyzed: 04/11/96

GC Column: DB624 ID: 0.200 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	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	6	J
67-64-1	Acetone	17	
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

FORM I VOA

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL29

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-09

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: EO497

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: not dec. ____ Date Analyzed: 04/11/96

GC Column: DB624 ID: 0.200 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	2.16	6	J
2. 000000	Unknown	2.42	9	BJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKBB

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: V20409-B2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV290

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

% Moisture: not dec. _____ Date Analyzed: 04/09/96

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/L

CAS NO.	COMPOUND		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	1	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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKBB

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: V20409-B2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: BV290

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

% Moisture: not dec. ____ Date Analyzed: 04/09/96

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/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKEE

ab Name: CEIMIC CORP Contract: 68-D5-0019

ab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

atrix: (soil/water) WATER Lab Sample ID: V50411-B1

ample wt/vol: 5.0 (g/mL) ML Lab File ID: E0487

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

Moisture: not dec. ____ Date Analyzed: 04/11/96

C Column: DB-624 ID: 0.200 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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	10	U
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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKEE

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: V50411-B1

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E0487

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

% Moisture: not dec. _____ Date Analyzed: 04/11/96

GC Column: DB-624 ID: 0.200 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000	Unknown	2.35	9	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKBD

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: V20411-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: BV347

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

% Moisture: not dec. ____ Date Analyzed: 04/11/96

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	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	10	U
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

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKBD

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: V20411-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: BV347

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

% Moisture: not dec. _____ Date Analyzed: 04/11/96

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKEF

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: V50412-B1

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: EO510

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

% Moisture: not dec. ____ Date Analyzed: 04/12/96

GC Column: DB624 ID: 0.200 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		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	10	U
67-64-1	Acetone	2	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	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

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FORM I VOA

OLM03.0

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKEF

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: V50412-B1

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: E0510

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

% Moisture: not dec. ____ Date Analyzed: 04/12/96

GC Column: DB624 ID: 0.200 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000	Unknown	2.35	8	J

FORM I VOA-TIC

OLM03.0

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	S7 (2CP)#	S8 (DCB)#	TOT OUT
01	EZB35	70	78	84	72	62	80	73	64	0
02	EZB36	70	74	91	73	62	76	72	61	0
03	EZL24	58	58	57	68	55	60	62	48	0
04	EZL25	71	69	39	83	67	73	79	58	0
05	EZL26	62	65	62	67	57	83	67	54	0
06	EZL27	42	52	49	48	46	60	50	33	0
07	EZL28	69	76	90	73	63	73	71	63	0
08	EZL29	69	69	75	80	67	62	78	63	0
09	EZL26MS	63	64	52	72	61	59	70	54	0
10	EZL26MSD	44	48	42	56	48	52	52	37	0
11	SBLKIC	55	59	66	54	55	67	61	49	0
12	SBLKDG	58	62	65	63	50	59	63	50	0

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(35-114)	
S2 (FBP)	= 2-Fluorobiphenyl	(43-116)	
S3 (TPH)	= Terphenyl-d14	(33-141)	
S4 (PHL)	= Phenol-d5	(10-110)	
S5 (2FP)	= 2-Fluorophenol	(21-110)	
S6 (TBP)	= 2,4,6-Tribromophenol	(10-123)	
S7 (2CP)	= 2-Chlorophenol-d4	(33-110)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(16-110)	(advisory)

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

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	S7 (2CP)#	S8 (DCB)#	TOT OUT
01	EZL18	65	62	49	66	49	53	62	65	0
02	EZL19	64	62	47	63	49	52	59	62	0
03	EZL19MS	60	64	51	60	50	54	60	63	0
04	EZL19MSD	62	65	52	60	49	57	61	64	0
05	SBLKJE	81	72	59	78	59	55	69	76	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

484

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

ab Name: CEIMIC CORP Contract: 68-D5-0019

ab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

atrix Spike - EPA Sample No.: EZL26

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	75.00	0	59.90	80	12-110
2-Chlorophenol	75.00	0	57.02	76	27-123
1,4-Dichlorobenzene	50.00	0	27.68	55	36- 97
N-Nitroso-di-n-prop.(1)	50.00	0	25.57	51	41-116
1,2,4-Trichlorobenzene	50.00	0	24.75	50	39- 98
4-Chloro-3-methylphenol	75.00	0	57.66	77	23- 97
Acenaphthene	50.00	0	36.77	74	46-118
4-Nitrophenol	75.00	0	77.29	103 *	10- 80
2,4-Dinitrotoluene	50.00	0	38.77	78	24- 96
Pentachlorophenol	75.00	0	54.09	72	9-103
Pyrene	50.00	0	30.97	62	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	75.00	47.42	63	24	42	12-110
2-Chlorophenol	75.00	44.06	59	25	40	27-123
1,4-Dichlorobenzene	50.00	21.21	42	27	28	36- 97
N-Nitroso-di-n-prop.(1)	50.00	15.71	31 *	49 *	38	41-116
1,2,4-Trichlorobenzene	50.00	18.67	37 *	30 *	28	39- 98
4-Chloro-3-methylphenol	75.00	50.78	68	12	42	23- 97
Acenaphthene	50.00	29.34	59	23	31	46-118
4-Nitrophenol	75.00	74.14	99 *	4	50	10- 80
2,4-Dinitrotoluene	50.00	31.03	62	23	38	24- 96
Pentachlorophenol	75.00	48.49	65	10	50	9-103
Pyrene	50.00	25.89	52	18	31	26-127

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

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

PD: 2 out of 11 outside limits
pike Recovery: 4 out of 22 outside limits

OMMENTS:

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix Spike - EPA Sample No.: EZL19 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	2770	0	1577	57	26- 90
2-Chlorophenol	2770	0	1458	53	25-102
1,4-Dichlorobenzene	1850	0	1088	59	28-104
N-Nitroso-di-n-prop.(1)	1850	0	1323	72	41-126
1,2,4-Trichlorobenzene	1850	0	1160	63	38-107
4-Chloro-3-methylphenol	2770	0	1651	60	26-103
Acenaphthene	1850	0	1129	61	31-137
4-Nitrophenol	2770	0	1676	61	11-114
2,4-Dinitrotoluene	1850	0	1115	60	28- 89
Pentachlorophenol	2770	0	471.9	17	17-109
Pyrene	1850	0	991.5	54	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	2810	1588	57	0	35	26- 90
2-Chlorophenol	2810	1436	51	4	50	25-102
1,4-Dichlorobenzene	1870	1081	58	2	27	28-104
N-Nitroso-di-n-prop.(1)	1870	1281	68	6	38	41-126
1,2,4-Trichlorobenzene	1870	1161	62	2	23	38-107
4-Chloro-3-methylphenol	2810	1700	60	0	33	26-103
Acenaphthene	1870	1164	62	2	19	31-137
4-Nitrophenol	2810	1842	66	8	50	11-114
2,4-Dinitrotoluene	1870	1137	61	2	47	28- 89
Pentachlorophenol	2810	653.5	23	30	47	17-109
Pyrene	1870	999.5	53	2	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:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKIC

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab File ID: IG971 Lab Sample ID: S0408-B1

Instrument ID: MS9 Date Extracted: 04/08/96

Matrix: (soil/water) WATER Date Analyzed: 04/09/96

Level: (low/med) LOW Time Analyzed: 1637

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	EZB35	960231-06	IH124	04/18/96
02	EZB36	960231-07	IH125	04/18/96
03	EZL26	960231-04	IH129	04/19/96
04	EZL28	960231-08	IH126	04/18/96

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKDG

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab File ID: DK436 Lab Sample ID: S0408-B1

Instrument ID: MS4 Date Extracted: 04/08/96

Matrix: (soil/water) WATER Date Analyzed: 04/16/96

Level: (low/med) LOW Time Analyzed: 1659

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	EZL24	960231-10	DK516	04/20/96
02	EZL25	960231-03	DK511	04/19/96
03	EZL27	960231-05	DK515	04/20/96
04	EZL29	960231-09	DK512	04/19/96
05	EZL26MS	960231-04MS	DK513	04/19/96
06	EZL26MSD	960231-04MSD	DK514	04/20/96

COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKJE

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab File ID: JH196 Lab Sample ID: S0413-B5

Instrument ID: MS10 Date Extracted: 04/13/96

Matrix: (soil/water) SOIL Date Analyzed: 04/24/96

Level: (low/med) LOW Time Analyzed: 1705

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	EZL18	960231-01	JH198	04/24/96
02	EZL19	960231-02	JH202	04/24/96
03	EZL19MS	960231-02MS	JH203	04/24/96
04	EZL19MSD	960231-02MSD	JH204	04/24/96

COMMENTS:

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FORM IV SV

OLM03.0

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB35

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH124

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB35

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH124

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	3	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

510

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZB35

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-06

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH124

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	16.16	96	J
2.	Unknown fatty acid	17.65	52	J
3. 57103	Hexadecanoic acid	18.76	10	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB36

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-07

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH125

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

519

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB36

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-07

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH125

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

520

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZB36

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-07

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH125

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL18

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-01

Sample wt/vol: 30.5 (g/mL) G Lab File ID: JH198

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: 10 decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.0

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	910	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethyl Phthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	910	U
83-32-9	Acenaphthene	360	U

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL18

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-01

Sample wt/vol: 30.5 (g/mL) G Lab File ID: JH198

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: 10 decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	910	U
534-52-1	4,6-Dinitro-2-Methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	910	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-Butylphthalate	360	U
206-44-0	Fluoranthene	360	U
86-74-8	Carbazole	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)Anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	41	J
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	360	U
207-08-9	Benzo(k)Fluoranthene	360	U
50-32-8	Benzo(a)Pyrene	360	U
193-39-5	Indeno(1,2,3-cd)Pyrene	360	U
53-70-3	Dibenz(a,h)Anthracene	360	U
191-24-2	Benzo(g,h,i)Perylene	360	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL18

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-01

Sample wt/vol: 30.5 (g/mL) G Lab File ID: JH198

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: 10 decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.0

Number TICs found: 4

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-	5.80	400	AJN
2. 123422	2-Pentanone, 4-hydroxy-4-met	6.88	23000	AJN
3.	Unknown	20.62	1200	J
4.	Unknown	22.86	1300	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL19

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-02

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JH202

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethyl Phthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	370	U

538

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL19

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-02

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JH202

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-Methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-Butylphthalate	370	U
206-44-0	Fluoranthene	370	U
86-74-8	Carbazole	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	76	J
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL19

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-02

Sample wt/vol: 30.1 (g/mL) G Lab File ID: JH202

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3

Number TICs found: 11

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-	6.04	300	AJN
2. 123422	2-Pentanone, 4-hydroxy-4-met	6.93	22000	AJN
3.	Unknown	19.59	220	J
4.	Unknown	19.79	410	J
5.	Unknown	20.55	630	J
6.	Unknown	20.62	1300	J
7.	Unknown	20.84	260	J
8.	Unknown	20.98	220	J
9.	Unknown	21.20	190	J
10.	Unknown	21.26	300	J
11.	Unknown	22.87	1400	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL24

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-10

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK516

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	2	J

574

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL24

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-10

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK516

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

575

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL24

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-10

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK516

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Alicyclic hydrocarbon	8.54	3	J
2.	Unknown	8.60	47	J
3.	Unknown	8.77	6	J
4.	Unknown	8.94	16	J
5.	Unknown	9.12	9	J
6.	Unknown	9.18	10	J
7.	Alicyclic hydrocarbon	9.29	16	J
8.	Unknown	9.50	15	J
9.	Unknown	9.71	16	J
10.	Benzene, diethyl- and unknow	10.25	8	J
11.	Unknown	10.31	7	J
12.	Alicyclic hydrocarbon	10.43	10	J
13.	Naphthalene, decahydro- isom	10.55	23	J
14.	Unknown	10.70	7	J
15.	Alicyclic hydrocarbon	10.81	17	J
16.	Unknown	11.02	18	J
17.	Unknown	11.11	12	J
18.	Unknown	11.21	11	J
19.	Unknown	11.36	15	J
20.	Alicyclic hydrocarbon	11.52	14	J
21.	Unknown	11.59	15	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL25

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK511

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	25	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethyl Phthalate	25	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	25	U
		10	U

FORM I SV-1

OLM03.0

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL25

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK511

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	1	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

610

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL25

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-03

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK511

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL26

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH129

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

616

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL26

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH129

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL26

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-04

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH129

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 33675751	Phenol, 3-(2-phenylethyl)-	18.25	19	JN
2.	Unknown	19.21	28	J
3.	Unknown	19.33	6	J
4.	Polynuclear aromatic hydroca	20.19	8	J
5.	Unknown	20.43	5	J
6.	Unknown	22.25	5	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL27

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK515

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	25	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethyl Phthalate	25	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

628

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL27

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK515

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	3	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL27

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-05

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK515

Level: (low/med) LOW Date Received: 04/04/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/20/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 33675751	Phenol, 3-(2-phenylethyl)-	18.41	10	JN
2.	Unknown	19.36	30	J
3.	Polynuclear aromatic hydroca	20.36	15	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL28

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-08

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH126

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

639

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL28

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-08

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH126

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL28

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-08

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IH126

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL29

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-09

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK512

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	25	U
88-74-4	2-Nitroaniline	10	U
131-11-3	Dimethyl Phthalate	25	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	10	U
83-32-9	Acenaphthene	25	U
		10	U

FORM I SV-1

OLM03.0

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL29

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-09

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK512

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EZL29

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-09

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK512

Level: (low/med) LOW Date Received: 04/03/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/19/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKIC

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: S0408-B1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IG971

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

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/09/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

782

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKIC

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: S0408-B1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IG971

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

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/09/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

783

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKIC

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: S0408-B1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IG971

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

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/09/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDG

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: S0408-B1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK436

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

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/16/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

788

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDG

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: S0408-B1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK436

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

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/16/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-Methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
86-74-8	Carbazole	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis-(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKDG

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: S0408-B1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DK436

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

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 04/08/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/16/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKJE

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: S0413-B5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JH196

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

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	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	830	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	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	830	U
83-32-9	Acenaphthene	330	U

794

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKJE

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: S0413-B5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JH196

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

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	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-Methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	830	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	Dibenz(a,h)Anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKJE

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: S0413-B5

Sample wt/vol: 30.0 (g/mL) G Lab File ID: JH196

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/13/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 04/24/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

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	78	84	77	84			0
02	EZB35	81	84	74	82			0
03	EZB36	74	86	62	70			0
04	EZL24	72	77	69	80			0
05	EZL25	78	78	64	61			0
06	EZL26	77	76	118	61			0
07	EZL27	70	69	45	52			0
08	EZL28	74	76	64	70			0
09	EZL29	74	84	60	72			0
10	EZL27MS	72	72	49	52			0
11	EZL27MSD	84	84	56	58			0

QC LIMITS

TCX = Tetrachloro-m-xylene (30-150)
DCB = Decachlorobiphenyl (30-150)

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

819

FORM II PEST-1

OLM03.0

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

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	PBLK02	78	77	77	81			0
02	EZL18	87	84	84	94			0
03	EZL19	78	79	78	82			0
04	EZL19MS	71	72	69	76			0
05	EZL19MSD	75	73	73	75			0

QC LIMITS

TCX = Tetrachloro-m-xylene (30-150)
DCB = Decachlorobiphenyl (30-150)

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

820

3E

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix Spike - EPA Sample No.: EZL27

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	0.500	0	0.483	97	56-123
Heptachlor	0.500	0	0.290	58	40-131
Aldrin	0.500	0	0.299	60	40-120
Dieldrin	1.000	0	0.855	86	52-126
Endrin	1.000	0	0.821	82	56-121
4,4'-DDT	1.000	0	0.606	61	38-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	0.500	0.591	118	20 *	15	56-123
Heptachlor	0.500	0.348	70	19	31	40-131
Aldrin	0.500	0.381	76	24 *	22	40-120
Dieldrin	1.000	0.995	100	15	18	52-126
Endrin	1.000	0.971	97	17	21	56-121
4,4'-DDT	1.000	0.694	69	12	27	38-127

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

* Values outside of QC limits

RPD: 2 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS:

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix Spike - EPA Sample No.: EZL19

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC (Lindane)	18.500	0	15.8	85	46-127
Heptachlor	18.500	0	13.7	74	35-130
Aldrin	18.500	0	14.1	76	34-132
Dieldrin	37.000	0	31.4	85	31-134
Endrin	37.000	0	32.8	89	42-139
4,4'-DDT	37.000	0	32.9	89	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	18.500	16.1	87	2	50	46-127
Heptachlor	18.500	13.5	73	1	31	35-130
Aldrin	18.500	13.1	71	7	43	34-132
Dieldrin	37.000	31.6	85	0	38	31-134
Endrin	37.000	32.1	87	2	45	42-139
4,4'-DDT	37.000	32.6	88	1	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: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab Sample ID: P0408-B4 Lab File ID: _____

Matrix:(soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 04/08/96

Date Analyzed (1): 04/24/96 Date Analyzed (2): 04/24/96

Time Analyzed (1): 2012 Time Analyzed (2): 2012

Instrument ID (1): AD17_1 Instrument ID (2): AD18_1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm)

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	EZB35	960231-06	04/25/96	04/25/96
02	EZB36	960231-07	04/25/96	04/25/96
03	EZL24	960231-10	04/25/96	04/25/96
04	EZL25	960231-03	04/25/96	04/25/96
05	EZL26	960231-04	04/25/96	04/25/96
06	EZL27	960231-05	04/25/96	04/25/96
07	EZL28	960231-08	04/25/96	04/25/96
08	EZL29	960231-09	04/25/96	04/25/96
09	EZL27MS	960231-05MS	04/25/96	04/25/96
10	EZL27MSD	960231-05MSD	04/25/96	04/25/96

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Lab Sample ID: P0413-B4 Lab File ID: _____

Matrix: (soil/water) SOIL Extraction: (SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 04/13/96

Date Analyzed (1): 04/24/96 Date Analyzed (2): 04/24/96

Time Analyzed (1): 2048 Time Analyzed (2): 2048

Instrument ID (1): AD17_1 Instrument ID (2): AD18_1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm)

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

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	EZL18	960231-01	04/24/96	04/24/96
02	EZL19	960231-02	04/24/96	04/24/96
03	EZL19MS	960231-02MS	04/24/96	04/24/96
04	EZL19MSD	960231-02MSD	04/24/96	04/24/96

COMMENTS:

824

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB35

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-06

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZB36

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-07

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL18

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-01

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

% Moisture: 10 decanted: (Y/N) N Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/13/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 9.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	3.6	U
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	3.6	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL19

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: 960231-02

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

% Moisture: 11 decanted: (Y/N) N Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/13/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	3.6	U
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	3.6	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL24

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-10

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 04/03/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL25

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-03

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL27

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-05

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL28

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-08

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EZL29

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: 960231-09

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

% Moisture: _____ decanted: (Y/N) ___ Date Received: 04/04/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) WATER Lab Sample ID: P0408-B4

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

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

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/08/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP Contract: 68-D5-0019

Lab Code: CEIMIC Case No.: 24544 SAS No.: _____ SDG No.: EZL24

Matrix: (soil/water) SOIL Lab Sample ID: P0413-B4

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

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

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/13/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 04/24/96

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	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	66	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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Data Set No: _____ CERCLIS No: MI

Case No: 24544 Site Name Location: Bay City Conf. CTR

Contractor or EPA Lab: Cenric Data User: MDNR

No. of Samples: 10 Date Sampled or Data Received: 5-9-96

Have Chain-of-Custody records been received? Yes ✓ No ✓
Have traffic reports or packing lists been received? Yes ✓ No _____
If no, are traffic report or packing list numbers written on the chain-of-custody record? Yes ✓ No _____
If no, which traffic report or packing list numbers are missing?

_____ _____ _____ _____

_____ _____ _____ _____

Are basic data forms in? Yes ✓ No _____
No of samples claimed: 10 No. of samples received: 10

Received by: Lynette Burnett Date: 5-9-96

Received by LSSS: _____ Date: _____

Review started: 5/13/96 Reviewer Signature: Stephanie N Tobin

Total time spent on review: ~ ~ Date review completed: 5/~~20~~ 17/96

Copied by: Lynette Burnett Date: 7-1-96

Mailed to user by: Lynette Burnett Date: 7-1-96

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffen, Data mgmt. Coordinator, Region V, 5SCRL

Data received by: _____ Date: _____

Data review received by: _____ Date: _____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

_____

_____

Received by Data Mgmt. Coordinator for Files. Data: _____

2064

Soil Boring Inorganics

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 05-28-96

SUBJECT: Review of Region V CLP Data Received for Review on May 13, 1996

FROM: Stephen L. Ostrodka, Chief (HSRL-5J) L. Finkelberg for S. Ostrodka
Superfund Technical Support Section

TO: Data User: MDNR

We have reviewed the data for the following case:

SITE NAME: Bay City Conf. CTR (MI)

CASE NUMBER: 24544 SDG NUMBER: MEYR01

Number and Type of Samples: 18 (Soil)

Sample Numbers: MEYR01-16, 18-19

Laboratory: ITS Hrs. for Review: --

Following are our findings:

All data are usable with the qualifications described in the attached narrative.

L. Finkelberg
05-28-96

cc: Regional TPO
Brian Freeman
HSMC-5J

NARRATIVE

SITE: BAY CITY CONFERENCE CENTER CASE: 24544
LABORATORY: INCHVT SDG: MEYR01

The laboratory's portion of case 24544 contains 18 low level soil samples assayed for total metals and cyanide. The following narrative lists the out of control audits and their possible effects on the results.

EVIDENTIAL AUDIT: All forms, sample tags and chain of custody forms are originals. The original raw data are with the laboratory. The original airbill is with the SDG#MEYR21. All forms are present in the order indicated on the Form DC-2 [inventory sheet].

ICP ANALYSES: The duplicate audits for Be (50.2% RPD), Se (200% RPD) and V (39.9% RPD) were not flagged by the laboratory because the duplicate differences did not exceed the technical criterion (+/-2XCRDL) for soil samples. All Be, Se and V results are acceptable.

The duplicate audits for Al (33.9% RPD) and Ca (27.7% RPD) were flagged by the laboratory; however, the technical criterion (35% RPD) for soil samples was not exceeded. All Al and Ca data are acceptable.

The duplicate audits for Cr (43.2% RPD), Mg (46.3% RPD) and Ni (48.4% RPD) were flagged by the laboratory; however, the technical criterion (+/-2XCRDL) for soil samples was not exceeded. All Cr, Mg and Ni data are acceptable.

The duplicate audits for Ba (52.3% RPD) and Fe (41.8% RPD) were out of control. All Ba and Fe data are estimated (J) due to poor precision.

The matrix spike recovery (-4781.3% R) for Pb was not flagged by the laboratory because the sample concentration is greater than four times the spike added. The duplicate audit (33.9% RPD) for Pb was flagged by the lab; however, the technical criterion (35% RPD) for soil samples was not exceeded. All Pb data are acceptable.

The duplicate audit for Cu (26.2% RPD) was flagged by the laboratory; however, the technical criterion for soil samples (+/-2XCRDL)was not exceeded. The Cu data are not qualified on this basis. The matrix spike recovery for Cu (73.6 R) was out of control. All Cu data are estimated (J) due to low bias.

The matrix spike recoveries for Mn (53.6 R) and Zn (18.7 R) were out of control. All Mn and Zn data are estimated (J) due to low bias.

Reviewed by: Larisa Leonova Larisa Leonova,
Date: 5/16/96