LPC 1190100004- Madison Co.
Laclede Steel Co.
LN 000508283
SI/HRS

EPA Region 5 Records Ctr.
363735

CERCLA

Analytical Results

Illinois Environmental
Protection Agency

APPENDIX F.
Combined Assessment Analytical Results
Volume 2

MAY 3 0 2002

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE: _____

SUBJECT: Electronic (**Level 2**) Review of Data

Received for Review on May 23, 2002

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

The following data has been electronically reviewed by CADRE. No review of the raw data, laboratory narrative, laboratory forms or chain-of-custody forms was performed.

SITE NAME: LaClede Steel (IL)

C E NUMBER: 30448 SDG NUMBER: E00Z0

Number and Type of Samples: 1 Water

Sample Numbers: E00Z0

Laboratory: Ceimic Hrs. for Review: _____

Following are our findings:

RECEIVED
JUN 0 3 2002
IEPA-ECL-FSRS

CC: Cecilia Moore
Region 5 TPO
Mail Code: SMF-4J

Case Number : 30448 SDG Number: E00Z0
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

One (1) unpreserved water sample, numbered *E00Z0,* was collected on *April 30, 2002*. The lab received the sample on *May 1, 2002* in good condition. The sample was analyzed for only the volatile list of organic analytes. All were analyzed according to CLP SOW *OLM04.2* 5/99.

Case Number : 30448 SDG Number: E00Z0
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

1. HOLDING TIME

No problems found for this qualification.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No problems found for this qualification.

3. CALIBRATION

CALIBRATION CRITERIA

Volatile

	Primary	Expanded
Minimum RRF	0.05	0.05
Maximum %RSD (initial calibration)	30	30
Maximum %D (continuing calibration)	25	25
Calibration time period	12	

DC-18: The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has relative response factors (RRFs) outside primary criteria. Hits are flagged "J" and non-detects are qualified "R".

1,2-Dibromo-3-chloropropane
E00Z0, VBLKLO, VHBLK01

DC-22: The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "UJ".

Trichlorofluoromethane
E00Z0, VBLKLO, VHBLK01

DC-23: The following volatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, trans-1,2-Dichloroethene
E00Z0, VBLKLO, VHBLK01

Case Number : 30448 SDG Number: E00Z0
S Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

DC-24: The following volatile samples are associated with a continuing calibration relative response factor (RRF50) outside primary criteria. Hits are flagged "J" and non-detects are qualified "R".

1,2-Dibromo-3-chloropropane
E00Z0, VBLKLO, VHBLK01

4. BLANKS

No problems found for this qualification.

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

No problems found for this qualification.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

No problems found for this qualification.

7. FIELD BLANK AND FIELD DUPLICATE

Sample *E00Z0* is a trip blank. Results are not qualified based upon the results of the field blank or field duplicates.

8. INTERNAL STANDARDS

No problems found for this qualification.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, and Pesticide/PCB compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

No problems found for this qualification.

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

Case Number : 30448 SDG Number: E00Z0
S Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

12. ADDITIONAL INFORMATION

None.

Level 2 - Assembled By: Allison Harvey/IITRI-ESAT
Date: May 29, 2002

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The anlayte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present)

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 5-23-02

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: LACLEDE STEEL (IL)

CASE NUMBER: 30448 SDG NUMBER: E0020

Number and Type of Samples: 1 (WATER)

Sample Numbers: E0020

Laboratory: CEIMIC Hrs for Review:

Following are our findings:

CC: Cecilia Moore
Region 5 TPO
Mail Code: SMF-4J

SAMPLE DELIVERY GROUP (SDG)
TRAFFIC REPORT (TR) COVERSHEET

Lab Name: Ceimic Corporation **Lab Code:** CEIMIC

Case No.: 30448 **Bid Lot:** A

Contract No: 68-W-99-065 **Full Sample Analysis Price:** $275.00

First Sample in SDG: E00Z0 **Sample Receipt Date:** 5/2/02
(Lowest EPA Sample Number in the first shipment of samples received under SDG.)

Last Sample in SDG: E00Z0 **Sample Receipt Date:** 5/2/02
(Highest EPA Sample Number in the last shipment of samples received under SDG.)

EPA Sample Numbers in the SDG (listed in alphanumeric order by date received)

1. E00Z0	**11.**
2.	**12.**
3.	**13.**
4.	**14.**
5.	**15.**
6.	**16.**
7.	**17.**
8.	**18.**
9.	**19.**
10.	**20.**

Note: There are a maximum of 20 field samples in an SDG.

Attach Traffic Reports to this form in alphanumeric order by date received.
(i.e. The order listed on this form)

Jessica Robinson
Signature

5/6/02
Date

EPA Contract Laboratory Program
Organic Traffic Report

Case No: 30448
DAS No:
SDG No: E0020

L

05/02/02

Date Shipped: 5/1/02 Carrier Name: UPS Airbill: 1Z 621 589 22 1002 029 9 Shipped to: Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Date Received/Received by: Maggie Pachalie Lab Contract No: 68W9Y065 Unit Price: A Transfer To: Date Received/Received By: 05/02/02 MP Lab Contract No: Price:	Sampler (Signature): Bob Casper Relinquished By: Bob Casper Relinquished By: Relinquished By:	Date / Time: 5/1/02 10:00 Date / Time: Date / Time:
			Received By: Received By: Received By:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00X5	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66863 (Ice Only), 5-66864 (Ice Only), 5-66865 (Ice Only), 5-66866 (Ice Only) (4)	G202	4/30/02 11:55	ME00X5	
E00X6	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66869 (Ice Only), 5-66870 (Ice Only), 5-66871 (Ice Only), 5-66872 (Ice Only) (4)	G205	4/30/02 11:40	ME00X6	
E00X7	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66875 (Ice Only), 5-66876 (Ice Only), 5-66877 (Ice Only), 5-66878 (Ice Only) (4)	G206	4/30/02 13:20	ME00X7	
E00Y8	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66889 (Ice Only), 5-66890 (Ice Only), 5-66891 (Ice Only), 5-66892 (Ice Only) (4)	G207	4/30/02 15:15	ME00Y8	
E00Z0	Field QC/ Bob Casper	L/G	VOA (21)	5-66897 (Ice Only), 5-66898 (Ice Only), 5-66899 (Ice Only), 5-66900 (Ice Only) (4)	TB	4/30/02 14:50		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: E00X1	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: 81425 - 81430
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact?__ Shipment Iced?__

BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL Volatiles

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-050102-0001

SDG Narrative

The enclosed data package is in response to USEPA, Region V, Case No. 30448, SDG No. E00Z0, Contract No. 68-W-99-065. Under this SDG there is VOA analysis for 1 water sample which was received at Ceimic Corporation on May 2, 2002.

This data package includes the analyses for the following samples from SDG No. E00Z0, all of which are billable:

(1)

EPA ID	Ceimic ID	Analyses
E00Z0	020441-01	VOA

Sample Receipt

Cooler Temperatures upon receipt were 6°C.

(2) **Instrumentation and Column Identification**

The following instruments were used for the analyses:

GC/MS Analysis

A. VOA

MS12: HP5973 GC/MS,25 m, 0.20mm ID, 1um, DB-624 capillary column
OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)

(3) **Sample Information**

An "x" qualifier is flagged by Target Thru-put 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. Manual integrations are performed on GC/MS and GC standards and samples when computer generated integration picks up only a portion of the chromatographic peak, due to software limitations. When manual integrations are required, these integrations are performed using sound defensible professional judgment, in order to report accurate data. Each manual integration is signed and dated, and reviewed by both the lab supervisor and the GC/MS Interpretation Specialist for GC/MS or the Organic Lab Manager for Pest/PCB.

A. VOA Fraction (Method CLP SOW OLM04.2)

The pH of the water samples was:

EPA ID:	Ceimic ID:	pH:
E00Z0	020441-01	1

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/her designee, as verified by the following signature.

Alfred Kwolek, GC/MS Specialist

5/22/02

Date

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLK00	96	88	104		0
02	E00Z0	96	86	102		0
03	VHBLK01	96	86	104		0
04						
05						
06						
07						
08						
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		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

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Lab File ID: LJ412 Lab Sample ID: V120512-B1

Date Analyzed: 05/12/02 Time Analyzed: 1532

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MS12

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00Z0	020441-01	LJ413	1611
02	VHBLK01	020441-21	LJ414	1640
03				
04				
05				
06				
07				
08				
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30				

COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00Z0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: 020441-01

Sample wt./vol: 5.000 (g/mL) ML Lab File ID: LJ413

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00Z0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: 020441-01

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ413

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00Z0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: 020441-01

Sample wt./vol: 5.000 (g/mL) ML Lab File ID: LJ413

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: 020441-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ414

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: 020441-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ414

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: 020441-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ414

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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29.					
30.					

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: V120512-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ412

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: V120512-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ412

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00Z0

Matrix: (soil/water) WATER Lab Sample ID: V120512-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ412

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E0020 CERCLIS No: ILN000508283

Case No: 30448 Site Name/Location: LA CHEBE STEEL

Contractor of EPA Lab: CEIMIC Data User: IEPA

No. of Samples: 1 Date Sampled or Date Received: 5-23-02

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: 1 No. of samples received: 1

Received by: Eva M. Dixon/ESAT Date: 5-23-02

Received by LSSS: Eva M. Dixon/ESAT Date: 5-23-02

Review started: ____ Reviewer Signature: ____

Total time spent on review: ____ Date review completed: ____

Copied by: ____ Date: ____

Mailed to user by: ____ Date: ____

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

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. Date: ____

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00Z0
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
ate :

Number of Soil Samples : 0
Number of Water Samples : 1

Sample Number :	E00Z0		VBLKLO		VHBLK01					
Sampling Location :	TB									
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :	04/30/2002									
Time Sampled :	14:50									
%Moisture	N/A		N/A		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10	U	10	U	10	U				
Chloromethane	10	U	10	U	10	U				
Vinyl Chloride	10	U	10	U	10	U				
Bromomethane	10	U	10	U	10	U				
Chloroethane	10	U	10	U	10	U				
Trichlorofluoromethane	10	UJ	10	UJ	10	UJ				
1,1-Dichloroethene	10	UJ	10	UJ	10	UJ				
1,1,2-Trichloro-1 2,2-trifluoroethane	10	U	10	U	10	U				
Acetone	10	U	10	U	10	U				
Carbon Disulfide	10	UJ	10	UJ	10	UJ				
Methyl Acetate	10	U	10	U	10	U				
Methylene Chloride	10	UJ	10	UJ	10	UJ				
trans-1,2-Dichloroethene	10	UJ	10	UJ	10	UJ				
Methyl tert-Butyl Ether	10	U	10	U	10	U				
1-Dichloroethane	10	U	10	U	10	U				
s-1,2-Dichloroethene	10	U	10	U	10	U				
2-Butanone	10	U	10	U	10	U				
Chloroform	10	U	10	U	10	U				
1,1,1-Trichloroethane	10	U	10	U	10	U				
Cyclohexane	10	U	10	U	10	U				
Carbon Tetrachloride	10	U	10	U	10	U				
Benzene	10	U	10	U	10	U				
1,2-Dichloroethane	10	U	10	U	10	U				
Trichloroethene	10	U	10	U	10	U				
Methylcyclohexane	10	U	10	U	10	U				
1,2-Dichloropropane	10	U	10	U	10	U				
Bromodichloromethane	10	U	10	U	10	U				
cis-1,3-Dichloropropene	10	U	10	U	10	U				
4-Methyl-2-pentanone	10	U	10	U	10	U				
Toluene	10	U	10	U	10	U				
trans-1,3-Dichloropropene	10	U	10	U	10	U				
1,1,2-Trichloroethane	10	U	10	U	10	U				
Tetrachloroethene	10	U	10	U	10	U				

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00Z0
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00Z0		VBLKLO		VHBLK01					
Sampling Location :	TB									
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :	04/30/2002									
Time Sampled :	14:50									
%Moisture :	N/A		N/A		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10	U	10	U	10	U				
Dibromochloromethane	10	U	10	U	10	U				
1,2-Dibromoethane	10	U	10	U	10	U				
Chlorobenzene	10	U	10	U	10	U				
Ethylbenzene	10	U	10	U	10	U				
Xylenes (total)	10	U	10	U	10	U				
Styrene	10	U	10	U	10	U				
Bromoform	10	U	10	U	10	U				
Isopropylbenzene	10	U	10	U	10	U				
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U				
1,3-Dichlorobenzene	10	U	10	U	10	U				
1,4-Dichlorobenzene	10	U	10	U	10	U				
1,2-Dichlorobenzene	10	U	10	U	10	U				
1,2-Dibromo-3-chloropropane	10	R	10	R	10	R				
1,2,4-Trichlorobenzene	10	U	10	U	10	U				

JUN 05 2002

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE: _____

SUBJECT: Electronic (**Level 2**) Review of Data

Received for Review on May 24, 2002

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

The following data has been electronically reviewed by CADRE. No review of the raw data, laboratory narrative, laboratory forms or chain-of-custody forms was performed.

SITE NAME: Laclede Steel (IL)

CASE NUMBER: 30448 SDG NUMBER: E00T3

Number and Type of Samples: 12 Soils / 8 Waters

Sample Numbers: E00T3, E00T4, E00T6, E00T7, E00W0, E00W2 - E00W8, E00X0, E00X1, E00X3 - E00X7, E00Y8

Laboratory: _____ Hrs. for Review: _____

Following are our findings:

CC: Cecilia Moore
Region 5 TPO
Mail Code: SMF-4J

Case Number : 30448 SDG Number: E00T3
:e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Twelve (12) soil and *eight (8) water* samples, numbered *E00T3, E00T4, E00T6, E00T7, E00W0, E00W2* through *E00W8, E00X0, E00X1, E00X3* through *E00X7* and *E00Y8,* were collected *April 29 - 30, 2002*. The lab received the samples on *May 1, 2002* in good condition. All samples were analyzed for the full list of organic analytes. All were analyzed according to CLP SOW *OLM04.2* 5/99.

Case Number : 30448 SDG Number: E00T3
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

1. HOLDING TIME

HOLDING TIME CRITERIA

Volatile

Preserved	Primary	Expanded
Water	14	28
Soil	14	28

Unpreserved	Aromatic Primary	Aromatic Expanded	Non-aromatic Primary	Non-aromatic Expanded
Water	7	14	14	28
Soil	7	14	14	28

Semivolatile

	Extraction Primary	Extraction Expanded	Analysis Primary	Analysis Expanded
Water	7	14	40	60
Soil	14	28	40	60

DC-106: The following semivolatile soil samples are outside primary extraction holding time criteria. Hits are qualified "J" and non-detects are qualified "UJ".

E00T6, E00T6MS, E00T6MSD, E00W2, E00W3, E00W4, E00W5, E00W7

DC-428: The following preserved volatile soil samples are outside primary holding time criteria. Hits are qualified "J" and non-detects are qualified "UJ".

E00T4MS, E00T4MSD, E00W7, E00W7RE, E00W8, E00W8RE

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

The complete primary criteria for BFB are as follows:

Bromofluorobenzene (BFB)

m/z	ION ABUNDANCE CRITERIA (Volatile)

Case Number : 30448 SDG Number: E00T3
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

50	8.0 - 40.0% of m/z 95
75	30.0 - 66.0% of m/z 95
95	base peak, 100.0% relative abundance
96	5.0 - 9.0% of m/z 95
173	less than 2.0% of m/z 174
174	50.0 - 120.0% of m/z 95
175	4.0 - 9.0% of m/z 174
176	93.0 - 101.0% of m/z 174
177	5.0 - 9.0% of m/z 176

DC-12: The following volatile samples are not associated with any instrument performance check. Hits and non-detects are flagged "M".

VHBLK01

3. CALIBRATION

CALIBRATION CRITERIA

Volatile

	Primary	Expanded
Minimum RRF	0.05	0.05
Maximum %RSD (initial calibration)	30	30
Maximum %D (continuing calibration)	25	25
Calibration time period	12	

Semivolatile

	Primary	Expanded
Minimum RRF	0.05	0.05
Maximum %RSD (initial calibration)	30	30
Maximum %D (continuing calibration)	25	25
Calibration time period	12	

Pesticide

Maximum %RSD (initial calibration) -	TCL analytes	20
	- surrogates	30

Case Number : 30448 SDG Number: E00T3
:e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

Maximum RPD (continuing calibration)	25
INDA/INDB percent resolution	90
Continuing calibration sequence time	12

DC-14: The following volatile samples were not associated with any calibration because no associated instrument performance check could be found. Hits and non-detects are flagged "M".

VHBLK01

DC-18: The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has relative response factors (RRFs) outside primary criteria. Hits are flagged "VS" and non-detects are qualified "R".

1,2-Dibromo-3-chloropropane
E00T3, E00T4, E00T6, E00T7, E00W0, E00W2, E00W3, E00W4, E00W5, E00W6, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, VBLKLN, VBLKQM

DC-22: The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "VS".

Trichlorofluoromethane
E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, VBLKLN

Methylene Chloride, 2-Hexanone, 1,2,4-Trichlorobenzene
E00T4MS, E00T4MSD, E00W7, E00W7RE, E00W8, E00W8RE, VBLKLM, VBLKLO

DC-23: The following volatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Dichlorodifluoromethane, Chloromethane
VBLKOF

1,1-Dichloroethene, Carbon Disulfide, Methylene Chloride, trans-1,2-Dichloroethene
E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, VBLKLN

Case Number : 30448 SDG Number: E00T3
:e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

Acetone, 2-Butanone
E00T4MS, E00T4MSD, E00W7, E00W7RE, E00W8, E00W8RE, VBLKLM, VBLKLO

Methyl Acetate
E00W7RE, E00W8RE, VBLKLO

tert-Butyl Methyl Ether
E00T3, E00T4, E00T6, E00T7, E00W0, E00W2, E00W3, E00W4, E00W5, E00W6, VBLKQM

2-Hexanone
E00T4MS, E00T4MSD, E00W7, E00W7RE, E00W8, E00W8RE, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, VBLKLM, VBLKLN, VBLKLO, VBLKOF

DC-24: The following volatile samples are associated with a continuing calibration relative response factor (RRF50) outside primary criteria. Hits are flagged "VS" and non-detects are qualified "R".

1,2-Dibromo-3-chloropropane
E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, VBLKLN

DC-98: The following semivolatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "VS".

Benzaldehyde
E00T3, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6MS, E00T6MSD, E00T7, E00W0, E00W3, E00W4, E00W5, E00W6, E00W7, E00W8, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X4DL, E00X5, E00X6, E00X7, E00Y8, SBLKDA, SBLKDN, SBLKDO, SBLKIW

DC-100: The following semivolatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Benzaldehyde, bis(2-Chloroethyl)ether, Benzo(b)fluoranthene
SBLKDA

Case Number : 30448 SDG Number: E00T3
e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

2,2'-oxybis(1-Chloropropane)
E00T3, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6MS, E00T6MSD, E00T7, E00W0, E00W3, E00W4, E00W5, E00W6, E00W7, E00W8, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X4DL, E00X5, E00X6, E00X7, E00Y8, SBLKDA, SBLKDN, SBLKDO, SBLKIW

2-Nitroaniline
E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5

3-Nitroaniline, Carbazole, Pyrene, Butylbenzylphthalate
E00T3, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6MS, E00T6MSD, E00T7, E00W0, E00W3, E00W4, E00W5, E00W6, E00W7, E00W8, SBLKDN, SBLKDO

2,4-Dinitrophenol
E00T3, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6MS, E00T6MSD, E00T7, E00W0, E00W3, E00W4, E00W5, E00W6, E00W7, E00W8, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X4DL, E00X5, E00X6, E00X7, E00Y8, SBLKDN, SBLKDO, SBLKIW

4-Nitrophenol, 4-Nitroaniline
E00T3, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6MS, E00T6MSD, E00T7, E00W0, E00W3, E00W4, E00W5, E00W6, E00W7, E00W8, E00X4DL, SBLKDN, SBLKDO

2,4-Dinitrotoluene
E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, SBLKIW

4,6-Dinitro-2-methylphenol
E00T3, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6MS, E00T6MSD, E00T7, E00W0, E00W3, E00W4, E00W5, E00W6, E00W7, E00W8, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, SBLKDN, SBLKDO, SBLKIW

Di-n-octylphthalate
E00T3, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6MS, E00T6MSD, E00T7, E00W0, E00W3, E00W4, E00W5, E00W6, E00W7, E00W8, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X4DL, E00X5, SBLKDA, SBLKDN, SBLKDO

DC-197: The following pesticide samples are not qualified for continuing calibration because of missing continuing calibration information. Hits and non-detects are flagged "M".

Case Number : 30448 SDG Number: E00T3
:e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00T3, E00T3DL, E00T4, E00T4MS, E00T4MSD, E00T6, E00T6DL, E00T7, E00T7DL, E00W0, E00W0DL, E00W2, E00W2DL, E00W3, E00W3DL, E00W4, E00W4DL, E00W5, E00W5DL, E00W6, E00W6DL, E00W7, E00W7DL, E00W8, E00W8DL, E00X0, E00X1, E00X1MS, E00X1MSD, E00X3, E00X4, E00X5, E00X6, E00X7, E00Y8, PBLK01, PBLK02

4. BLANKS

LABORATORY BLANKS CRITERIA

Volatile

Method Blank Contamination Threshold Multipliers

	First	Expanded
Common contaminant compounds	10.00	10.00
Other compounds	5.00	5.00

Semivolatile

Method Blank Contamination Threshold Multipliers

	First	Expanded
Common contaminant compounds	10.00	10.00
Other compounds	5.00	5.00

DC-31: The following volatile samples have analyte concentrations reported above the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Hits are qualified "U" and non-detects are not flagged.

Acetone
E00W2, E00W6

Methylene Chloride
E00T4, E00T4MS, E00T4MSD, E00T6, E00T7, E00W0, E00W7, E00W8

DC-199: The following volatile samples have analyte concentrations reported below the CRQL and less than or equal to five times (5X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" and non-detects are not flagged.

E00W2, E00W6
4-Methyl-2-pentanone

E00W3
4-Methyl-2-pentanone, 2-Hexanone

DC-200: The following volatile samples have analyte concentrations reported below the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" and non-detects are not flagged.

Acetone
E00T4, E00T4MS, E00T4MSD, E00T6, E00T7, E00W3, E00W4, E00W5, E00W7

Methylene Chloride
E00T3, E00W2, E00W3, E00W4, E00W5, E00W6, E00W7RE, E00W8RE

DC-202: The following semivolatile samples have analyte concentrations reported above the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Hits are qualified "U" and non-detects are not flagged.

E00X1MS, E00X1MSD, E00X5
bis(2-Ethylhexyl)phthalate

DC-206: The following semivolatile samples have analyte concentrations reported below the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" and non-detects are not flagged.

bis(2-Ethylhexyl)phthalate
E00T4, E00T6MSD, E00X0, E00X1, E00X3, E00X4, E00X4DL, E00X6, E00X7, E00Y8

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

SMC/SURROGATE CRITERIA

Semivolatile

Percent Recovery Limits

--- Water --- ---- Soil ---

Case Number : 30448 SDG Number: E00T3
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

	Lower	Upper	Lower	Upper
Nitrobenzene-d5	35.0	114.0	23.0	120.0
2-Fluorobiphenyl	43.0	116.0	30.0	115.0
Terphenyl-d14	33.0	141.0	18.0	137.0
Phenol-d5	10.0	110.0	24.0	113.0
2-Fluorophenol	21.0	110.0	25.0	121.0
2,4,6-Tribromophenol	10.0	123.0	19.0	122.0
2-Chlorophenol-d4	33.0	110.0	20.0	130.0
1,2-Dichlorobenzene-d4	16.0	110.0	20.0	130.0

Pesticide

Percent Recovery Limits

	--- Water ---		---- Soil ---	
	Lower	Upper	Lower	Upper
Tetrachloro-m-xylene	30.0	150.0	30.0	150.0
Decachlorobiphenyl	30.0	150.0	30.0	150.0

DC-82: The following semivolatile samples have surrogate recoveries of less than 10% and a dilution factor which exceeds criteria. Hits and non-detects are flagged "VS".

E00T3, E00T7, E00W2, E00W3, E00W4, E00W6, E00W8

DC-174: The following pesticide samples have surrogate percent recoveries which exceed the upper limit of the criteria window. Hits are qualified "J" and non-detects are not flagged.

E00T6, E00T6DL

DC-175: The following undiluted pesticide samples have surrogate percent recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

E00W7

DC-176: The following diluted pesticide samples have surrogate percent recoveries of less than 10%. Professional judgement is recommended. Hits and non-detects are flagged "VS".

E00W2, E00W2DL, E00W3, E00W3DL, E00W4, E00W4DL, E00W5, E00W5DL, E00W7DL

Case Number : 30448 SDG Number: E00T3
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

DC-177: The following pesticide samples have surrogate percent recoveries outside the lower limit of the criteria window, but greater than 10%. Hits are qualified "J" and non-detects are qualified "UJ".

E00T7, E00T7DL, E00W4DL, E00W7, E00X1, E00X1MS, E00X1MSD

DC-178: The following pesticide samples are not fully qualified for surrogate RT because of missing RT information. Hits and non-detects are flagged "M".

E00W2, E00W2DL, E00W3, E00W3DL, E00W4, E00W4DL, E00W5, E00W5DL, E00W7, E00W7DL

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

MATRIX SPIKE CRITERIA

Volatile

Percent Recovery Limits & RPD

	Water			Soil		
	Lower	Upper	RPD	Lower	Upper	RPD
1,1-Dichloroethene	61.0	145.0	14.0	59.0	172.0	22.0
Benzene	76.0	127.0	11.0	66.0	142.0	21.0
Trichloroethene	71.0	120.0	14.0	62.0	137.0	24.0
Toluene	76.0	125.0	13.0	59.0	139.0	21.0
Chlorobenzene	75.0	130.0	13.0	60.0	133.0	21.0

Semivolatile

Percent Recovery Limits & RPD

	Water			Soil		
	Lower	Upper	RPD	Lower	Upper	RPD
Phenol	12.0	110.0	42.0	26.0	90.0	35.0
2-Chlorophenol	27.0	123.0	40.0	25.0	102.0	50.0
N-Nitroso-di-n-propylamine	41.0	116.0	38.0	41.0	126.0	38.0
4-Chloro-3-methylphenol	23.0	97.0	42.0	26.0	103.0	33.0
Acenaphthene	46.0	118.0	31.0	31.0	137.0	19.0
4-Nitrophenol	10.0	80.0	50.0	11.0	114.0	50.0

Case Number : 30448 SDG Number: E00T3
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

2,4-Dinitrotoluene	24.0	96.0	38.0	28.0	89.0	47.0
Pentachlorophenol	9.0	103.0	50.0	17.0	109.0	47.0
Pyrene	26.0	127.0	31.0	35.0	142.0	36.0

DC-39: The following volatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria. Results for the outlier compounds in the unspiked samples E00T4 and E00X1 are estimated, "J" and non-detects are estimated, "UJ".

E00T4MS
Trichloroethene, Toluene, Chlorobenzene

E00T4MSD
Benzene, Trichloroethene, Toluene, Chlorobenzene

E00X1MS, E00X1MSD
1,1-Dichloroethene, Benzene, Trichloroethene, Toluene

DC-51: The following semivolatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria. Results for the outlier compoun in the unspiked sample E00T4 is estimated, "J' and a non-detect is estimated, "UJ".

E00T4MS, E00T4MSD
Pentachlorophenol

DC-67: The following semivolatile samples are not fully qualified due to missing matrix spike information. Hits and non-detects are flagged "M".

E00T4MSD

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as trip blanks or field blanks. Sample *E00X4* appears to be a field duplicate of Sample *E00X3*. Results are not qualified based upon the results of the field blank or field duplicates.

8. INTERNAL STANDARDS

INTERNAL STANDARD CRITERIA

Volatile

Retention Time & Area Count Limits

Case Number : 30448 SDG Number: E00T3
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

	-- Primary -- Lower	Upper	- Expanded -- Lower	Upper
Retention time	- 0.5	+ 0.5	- 0.5	+ 0.5
Area count	/ 2 *	2	/ 5 *	2

DC-40: The following volatile samples have no associated internal standard. Hits and non-detects are flagged "M".

VHBLK01

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, and Pesticide/PCB compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

CONTRACT REQUIRED SAMPLE QUANTITY

	Water	Low Soil	Med Soil
VOA	5.0 (ML)	5.0 (G)	4.0 (G)
BNA	1000.0 (ML)	30.0 (G)	1.0 (G)
PES	1000.0 (ML)	30.0 (G)	

DC-45: The following volatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E00T3
Trichlorofluoromethane

E00T4, E00T6, E00T7
Chloroform

E00T4MS
Methyl Acetate, Chloroform

E00T4MSD
Methyl Acetate, Chloroform, 1,2-Dichloroethane

Case Number : 30448 SDG Number: E00T3
.e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00W2
Chloromethane, Carbon Disulfide, 2-Butanone, Toluene, 1,2-Dichlorobenzene

E00W3, E00W8
Carbon Disulfide, 2-Butanone

E00W5, E00W8RE
Carbon Disulfide

E00W6
Carbon Disulfide, 2-Butanone, Methylcyclohexane, Toluene, Ethylbenzene, Isopropylbenzene

E00W7
Methyl Acetate, 2-Butanone

E00W7RE
Carbon Disulfide, Ethylbenzene, Xylenes (total)

E00X1
Acetone

E00X1MS
1,2-Dichloroethane, 4-Methyl-2-pentanone, trans-1,3-Dichloropropene

E00X1MSD
Acetone, 1,2-Dichloroethane, 4-Methyl-2-pentanone, trans-1,3-Dichloropropene

E00X3, E00X4
Xylenes (total), 1,2-Dichlorobenzene

E00X7
1,1-Dichloroethene

VBLKLM
Acetone, Methylene Chloride

VBLKLO
Acetone, Methyl Acetate, Methylene Chloride, Toluene

VBLKOF
Methylene Chloride, 1,2,4-Trichlorobenzene

Case Number : 30448 SDG Number: E00T3
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

VBLKQM
Acetone, Methylene Chloride, 4-Methyl-2-pentanone, 2-Hexanone

VHBLK01
Methylene Chloride

DC-110: The following semivolatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E00T4
Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00T4MS
Phenol, 2-Chlorophenol, N-Nitroso-di-n-propylamine, Acenaphthene, 4-Nitrophenol, 2,4-Dinitrotoluene, Phenanthrene, Fluoranthene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene

E00T4MSD
Phenol, 2-Chlorophenol, N-Nitroso-di-n-propylamine, Acenaphthene, 4-Nitrophenol, 2,4-Dinitrotoluene, Phenanthrene, Fluoranthene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene

E00T6MS, E00T6MSD
Phenol, 2-Chlorophenol, N-Nitroso-di-n-propylamine, 4-Chloro-3-methylphenol, Acenaphthene, 4-Nitrophenol, 2,4-Dinitrotoluene, Pentachlorophenol, Pyrene

E00T7, E00W2, E00W3, E00W4, E00W5
Di-n-octylphthalate

E00W0
Anthracene, Carbazole, Benzo(b)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

E00X1
Naphthalene, Fluorene

E00X1MS, E00X1MSD
Naphthalene, Acenaphthylene, Fluorene

Case Number : 30448 SDG Number: E00T3
e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00X3, E00X4DL
1,1'-Biphenyl , Acenaphthene, Dibenzofuran, Fluorene, Phenanthrene

E00X4
4-Methylphenol, 1,1'-Biphenyl , Acenaphthene, Dibenzofuran, Fluorene, Phenanthrene

E00X6
Caprolactam

SBLKAA, SBLKDN, SBLKDO
bis(2-Ethylhexyl)phthalate

SBLKIW
4-Methylphenol

DC-422: The following pesticide samples have analytes for which the percent difference between columm results exceeds primary criteria. Hits are flagged "VS" and non-detects are not flagged.

E00T3
Heptachlor epoxide, Endosulfan I, 4,4'-DDE, Endosulfan II, 4,4'-DDT, Endrin ketone, gamma-Chlordane

E00T3DL
Endosulfan I

E00T4
4,4'-DDE, gamma-Chlordane

E00T4MS
beta-BHC, Heptachlor, Endosulfan I, 4,4'-DDE, Endrin, 4,4'-DDT, gamma-Chlordane

E00T4MSD
beta-BHC, gamma-BHC (Lindane), Aldrin, 4,4'-DDE, Endrin, 4,4'-DDT, Endrin ketone, gamma-Chlordane, Aroclor-1242

E00T6
beta-BHC, Heptachlor, Heptachlor epoxide, Endrin ketone, alpha-Chlordane, gamma-Chlordane

Case Number : 30448 SDG Number: E00T3
:e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00T6DL
Heptachlor, Heptachlor epoxide, Endosulfan I, gamma-Chlordane

E00T7, E00W2, E00W5
beta-BHC, Heptachlor, Heptachlor epoxide, 4,4'-DDT, gamma-Chlordane

E00T7DL
beta-BHC, Heptachlor, Heptachlor epoxide, gamma-Chlordane

E00W0
Heptachlor, Heptachlor epoxide, Endosulfan II, Endrin ketone, gamma-Chlordane

E00W0DL
gamma-Chlordane

E00W2DL
Heptachlor, Heptachlor epoxide, Endosulfan II, gamma-Chlordane

E00W3, E00W3DL
Heptachlor, gamma-Chlordane

E00W4
beta-BHC, Heptachlor, Heptachlor epoxide, gamma-Chlordane

E00W4DL
Heptachlor, Heptachlor epoxide, gamma-Chlordane

E00W6
beta-BHC, Heptachlor, Heptachlor epoxide, Dieldrin, alpha-Chlordane, gamma-Chlordane

E00W6DL
beta-BHC, gamma-Chlordane

E00W7
beta-BHC, Heptachlor epoxide, gamma-Chlordane, Aroclor-1242

E00W7DL
beta-BHC

E00W8
Heptachlor epoxide, Methoxychlor, gamma-Chlordane, Aroclor-1242

Case Number : 30448 SDG Number: E00T3
.e Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00W8DL
Aroclor-1242

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

12. ADDITIONAL INFORMATION

None.

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The anlayte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present)

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Number of Soil Samples : 12
Number of Water Samples : 8

Sample Number :	E00T3		E00T4		E00T4MS		E00T4MSD		E00T6	
Sampling Location :	X303		X306		X306		X306		X301	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	10:30		11:15		11:15		11:15		12:15	
%Moisture :	10		8		8		8		7	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	11	U	12	U	11	UJ	12	UJ	10	U
Chloromethane	11	U	12	U	11	UJ	12	UJ	10	U
Vinyl Chloride	11	U	12	U	11	UJ	12	UJ	10	U
Bromomethane	11	U	12	U	11	UJ	12	UJ	10	U
Chloroethane	11	U	12	U	11	UJ	12	UJ	10	U
Trichlorofluoromethane	1	J	12	U	11	UJ	12	UJ	10	U
1,1-Dichloroethene	11	U	12	U	34	J	34	J	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	11	U	12	U	11	UJ	12	UJ	10	U
Acetone	11	U	12	U	11	U	12	U	10	U
Carbon Disulfide	11	U	12	U	11	UJ	12	UJ	10	U
Methyl Acetate	11	U	12	U	1	J	3	J	10	U
Methylene Chloride	11	U	23	U	26	U	29	U	13	U
trans-1,2-Dichloroethene	11	U	12	U	11	UJ	12	UJ	10	U
Methyl tert-Butyl Ether	11	UJ	12	UJ	11	UJ	12	UJ	10	UJ
1,1-Dichloroethane	11	U	12	U	11	UJ	12	UJ	10	U
cis-1,2-Dichloroethene	11	U	12	U	11	UJ	12	UJ	10	U
2-Butanone	11	U	12	U	11	UJ	12	UJ	10	U
Chloroform	11	U	2	J	2	J	3	J	5	J
1,1,1-Trichloroethane	11	U	12	U	11	UJ	12	UJ	10	U
Cyclohexane	11	U	12	U	11	UJ	12	UJ	10	U
Carbon Tetrachloride	11	U	12	U	11	UJ	12	UJ	10	U
Benzene	11	U	12	UJ	37	J	37	J	10	U
1,2-Dichloroethane	11	U	12	U	11	UJ	1	J	10	U
Trichloroethene	11	U	12	UJ	27	J	27	J	10	U
Methylcyclohexane	11	U	12	U	11	UJ	12	UJ	10	U
1,2-Dichloropropane	11	U	12	U	11	UJ	12	UJ	10	U
Bromodichloromethane	11	U	12	U	11	UJ	12	UJ	10	U
cis-1,3-Dichloropropene	11	U	12	U	11	UJ	12	UJ	10	U
4-Methyl-2-pentanone	11	U	12	U	11	UJ	12	UJ	10	U
Toluene	11	U	12	UJ	31	J	31	J	10	U
trans-1,3-Dichloropropene	11	U	12	U	11	UJ	12	UJ	10	U
1,1,2-Trichloroethane	11	U	12	U	11	UJ	12	UJ	10	U
Tetrachloroethene	11	U	12	U	11	UJ	12	UJ	10	U

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00T3		E00T4		E00T4MS		E00T4MSD		E00T6	
Sampling Location :	X303		X306		X306		X306		X301	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	10:30		11:15		11:15		11:15		12:15	
%Moisture :	10		8		8		8		7	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	11	U	12	U	11	VS	12	VS	10	U
Dibromochloromethane	11	U	12	U	11	UJ	12	UJ	10	U
1,2-Dibromoethane	11	U	12	U	11	UJ	12	UJ	10	U
Chlorobenzene	11	U	12	UJ	27	J	26	J	10	U
Ethylbenzene	11	U	12	U	11	UJ	12	UJ	10	U
Xylenes (total)	11	U	12	U	11	UJ	12	UJ	10	U
Styrene	11	U	12	U	11	UJ	12	UJ	10	U
Bromoform	11	U	12	U	11	UJ	12	UJ	10	U
Isopropylbenzene	11	U	12	U	11	UJ	12	UJ	10	U
1,1,2,2-Tetrachloroethane	11	U	12	U	11	UJ	12	UJ	10	U
1,3-Dichlorobenzene	11	U	12	U	11	UJ	12	UJ	10	U
1,4-Dichlorobenzene	11	U	12	U	11	UJ	12	UJ	10	U
1,2-Dichlorobenzene	11	U	12	U	11	UJ	12	UJ	10	U
1,2-Dibromo-3-chloropropane	11	R	12	R	11	UJ	12	UJ	10	R
1,2,4-Trichlorobenzene	11	U	12	U	11	VS	12	VS	10	U

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00T7		E00W0		E00W2		E00W3		E00W4	
Sampling Location :	X302		X304		X314		X315		X316	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	14:10		15:00		16:20		16:35		16:50	
%Moisture :	12		13		13		11		24	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	11	U	11	U	57	U	56	U	37	U
Chloromethane	11	U	11	U	19	J	56	U	37	U
Vinyl Chloride	11	U	11	U	57	U	56	U	37	U
Bromomethane	11	U	11	U	57	U	56	U	37	U
Chloroethane	11	U	11	U	57	U	56	U	37	U
Trichlorofluoromethane	11	U	11	U	57	U	56	U	37	U
1,1-Dichloroethene	11	U	11	U	57	U	56	U	37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	11	U	11	U	57	U	56	U	37	U
Acetone	11	U	11	U	60	U	56	U	37	U
Carbon Disulfide	11	U	11	U	11	J	2	J	37	U
Methyl Acetate	11	U	11	U	57	U	56	U	37	U
Methylene Chloride	13	U	17	U	57	U	56	U	37	U
trans-1,2-Dichloroethene	11	U	11	U	57	U	56	U	37	U
Methyl tert-Butyl Ether	11	UJ	11	UJ	57	UJ	56	UJ	37	UJ
1,1-Dichloroethane	11	U	11	U	57	U	56	U	37	U
cis-1,2-Dichloroethene	11	U	11	U	57	U	56	U	37	U
2-Butanone	11	U	11	U	13	J	15	J	37	U
Chloroform	2	J	11	U	57	U	56	U	37	U
1,1,1-Trichloroethane	11	U	11	U	57	U	56	U	37	U
Cyclohexane	11	U	11	U	57	U	56	U	37	U
Carbon Tetrachloride	11	U	11	U	57	U	56	U	37	U
Benzene	11	U	11	U	57	U	56	U	37	U
1,2-Dichloroethane	11	U	11	U	57	U	56	U	37	U
Trichloroethene	11	U	11	U	57	U	56	U	37	U
Methylcyclohexane	11	U	11	U	57	U	56	U	37	U
1,2-Dichloropropane	11	U	11	U	57	U	56	U	37	U
Bromodichloromethane	11	U	11	U	57	U	56	U	37	U
cis-1,3-Dichloropropene	11	U	11	U	57	U	56	U	37	U
4-Methyl-2-pentanone	11	U	11	U	57	U	56	U	37	U
Toluene	11	U	11	U	6	J	56	U	37	U
trans-1,3-Dichloropropene	11	U	11	U	57	U	56	U	37	U
1,1,2-Trichloroethane	11	U	11	U	57	U	56	U	37	U
Tetrachloroethene	11	U	11	U	57	U	56	U	37	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00T7		E00W0		E00W2		E00W3		E00W4	
Sampling Location	X302		X304		X314		X315		X316	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	14:10		15:00		16:20		16:35		16:50	
%Moisture :	12		13		13		11		24	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	11	U	11	U	57	U	56	U	37	U
Dibromochloromethane	11	U	11	U	57	U	56	U	37	U
1,2-Dibromoethane	11	U	11	U	57	U	56	U	37	U
Chlorobenzene	11	U	11	U	57	U	56	U	37	U
Ethylbenzene	11	U	11	U	57	U	56	U	37	U
Xylenes (total)	11	U	11	U	57	U	56	U	37	U
Styrene	11	U	11	U	57	U	56	U	37	U
Bromoform	11	U	11	U	57	U	56	U	37	U
Isopropylbenzene	11	U	11	U	57	U	56	U	37	U
1,1,2,2-Tetrachloroethane	11	U	11	U	57	U	56	U	37	U
1,3-Dichlorobenzene	11	U	11	U	57	U	56	U	37	U
1,4-Dichlorobenzene	11	U	11	U	57	U	56	U	37	U
1,2-Dichlorobenzene	11	U	11	U	2	J	56	U	37	U
1,2-Dibromo-3-chloropropane	11	R	11	R	57	R	56	R	37	R
1,2,4-Trichlorobenzene	11	U	11	U	57	U	56	U	37	U

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W5		E00W6		E00W7		E00W7RE		E00W8	
Sampling Location :	X317		X318		X319		X319		X320	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	17:30		17:50		18:00		18:00		18:20	
%Moisture :	17		15		29		29		27	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Chloromethane	30	U	34		87	J	48	J	46	UJ
Vinyl Chloride	30	U	26	U	70	UJ	15	UJ	46	UJ
Bromomethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Chloroethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Trichlorofluoromethane	30	U	26	U	70	UJ	15	UJ	46	UJ
1,1-Dichloroethene	30	U	26	U	70	UJ	15	UJ	46	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Acetone	30	U	45	U	70	U	62	J	120	J
Carbon Disulfide	3	J	7	J	70	UJ	4	J	19	J
Methyl Acetate	30	U	26	U	9	J	15	UJ	46	UJ
Methylene Chloride	30	U	26	U	79	U	15	U	56	U
trans-1,2-Dichloroethene	30	U	26	U	70	UJ	15	UJ	46	UJ
Methyl tert-Butyl Ether	30	UJ	26	UJ	70	UJ	15	UJ	46	UJ
1,1-Dichloroethane	30	U	26	U	70	UJ	15	UJ	46	UJ
cis-1,2-Dichloroethene	30	U	26	U	70	UJ	15	UJ	46	UJ
2-Butanone	30	U	15	J	14	J	17	J	17	J
Chloroform	30	U	26	U	70	UJ	15	UJ	46	UJ
1,1,1-Trichloroethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Cyclohexane	30	U	26	U	70	UJ	15	UJ	46	UJ
Carbon Tetrachloride	30	U	26	U	70	UJ	15	UJ	46	UJ
Benzene	30	U	26	U	70	UJ	15	UJ	46	UJ
1,2-Dichloroethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Trichloroethene	30	U	26	U	70	UJ	15	UJ	46	UJ
Methylcyclohexane	30	U	13	J	70	UJ	15	UJ	46	UJ
1,2-Dichloropropane	30	U	26	U	70	UJ	15	UJ	46	UJ
Bromodichloromethane	30	U	26	U	70	UJ	15	UJ	46	UJ
cis-1,3-Dichloropropene	30	U	26	U	70	UJ	15	UJ	46	UJ
4-Methyl-2-pentanone	30	U	26	U	70	UJ	15	UJ	46	UJ
Toluene	30	U	15	J	70	UJ	15	UJ	46	UJ
trans-1,3-Dichloropropene	30	U	26	U	70	UJ	15	UJ	46	UJ
1,1,2-Trichloroethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Tetrachloroethene	30	U	26	U	70	UJ	15	UJ	46	UJ

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W5		E00W6		E00W7		E00W7RE		E00W8	
Sampling Location	X317		X318		X319		X319		X320	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	17:30		17:50		18:00		18:00		18:20	
%Moisture :	17		15		29		29		27	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	30	U	26	U	70	VS	15	VS	46	VS
Dibromochloromethane	30	U	26	U	70	UJ	15	UJ	46	UJ
1,2-Dibromoethane	30	U	26	U	70	UJ	15	UJ	46	UJ
Chlorobenzene	30	U	26	U	70	UJ	15	UJ	46	UJ
Ethylbenzene	30	U	8	J	70	UJ	2	J	46	UJ
Xylenes (total)	30	U	46		70	UJ	3	J	46	UJ
Styrene	30	U	26	U	70	UJ	15	UJ	46	UJ
Bromoform	30	U	26	U	70	UJ	15	UJ	46	UJ
Isopropylbenzene	30	U	4	J	70	UJ	15	UJ	46	UJ
1,1,2,2-Tetrachloroethane	30	U	26	U	70	UJ	15	UJ	46	UJ
1,3-Dichlorobenzene	30	U	26	U	70	UJ	15	UJ	46	UJ
1,4-Dichlorobenzene	30	U	26	U	70	UJ	15	UJ	46	UJ
1,2-Dichlorobenzene	30	U	26	U	70	UJ	15	UJ	46	UJ
1,2-Dibromo-3-chloropropane	30	R	26	R	70	UJ	15	UJ	46	UJ
1,2,4-Trichlorobenzene	30	U	26	U	70	VS	15	VS	46	VS

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W8RE		VBLKLM		VBLKLO		VBLKQM			
Sampling Location :	X320									
Matrix :	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	04/29/2002									
Time Sampled :	18:20									
%Moisture :	27		N/A		N/A		N/A			
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	15	UJ	10	U	10	U	10	U		
Chloromethane	15	UJ	10	U	10	U	10	U		
Vinyl Chloride	15	UJ	10	U	10	U	10	U		
Bromomethane	15	UJ	10	U	10	U	10	U		
Chloroethane	15	UJ	10	U	10	U	10	U		
Trichlorofluoromethane	15	UJ	10	U	10	U	10	U		
1,1-Dichloroethene	15	UJ	10	U	10	U	10	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	15	UJ	10	U	10	U	10	U		
Acetone	120	J	2	J	2	J	3	J		
Carbon Disulfide	9	J	10	U	10	U	10	U		
Methyl Acetate	15	UJ	10	U	4	J	10	U		
Methylene Chloride	15	U	8	J	9	J	9	J		
trans-1,2-Dichloroethene	15	UJ	10	U	10	U	10	U		
Methyl tert-Butyl Ether	15	UJ	10	U	10	U	10	UJ		
1,1-Dichloroethane	15	UJ	10	U	10	U	10	U		
cis-1,2-Dichloroethene	15	UJ	10	U	10	U	10	U		
2-Butanone	20	J	10	UJ	10	UJ	10	U		
Chloroform	15	UJ	10	U	10	U	10	U		
1,1,1-Trichloroethane	15	UJ	10	U	10	U	10	U		
Cyclohexane	15	UJ	10	U	10	U	10	U		
Carbon Tetrachloride	15	UJ	10	U	10	U	10	U		
Benzene	15	UJ	10	U	10	U	10	U		
1,2-Dichloroethane	15	UJ	10	U	10	U	10	U		
Trichloroethene	15	UJ	10	U	10	U	10	U		
Methylcyclohexane	15	UJ	10	U	10	U	10	U		
1,2-Dichloropropane	15	UJ	10	U	10	U	10	U		
Bromodichloromethane	15	UJ	10	U	10	U	10	U		
cis-1,3-Dichloropropene	15	UJ	10	U	10	U	10	U		
4-Methyl-2-pentanone	15	UJ	10	U	10	U	2	J		
Toluene	15	UJ	10	U	2	J	10	U		
trans-1,3-Dichloropropene	15	UJ	10	U	10	U	10	U		
1,1,2-Trichloroethane	15	UJ	10	U	10	U	10	U		
Tetrachloroethene	15	UJ	10	U	10	U	10	U		

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Analytical Results (Qualified Data)

Case #: 30448
SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W8RE		VBLKLM		VBLKLO		VBLKQM			
Sampling Location :	X320									
Matrix :	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	04/29/2002									
Time Sampled :	18:20									
%Moisture :	27		N/A		N/A		N/A			
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	15	VS	10	VS	10	VS	2	J		
Dibromochloromethane	15	UJ	10	U	10	U	10	U		
1,2-Dibromoethane	15	UJ	10	U	10	U	10	U		
Chlorobenzene	15	UJ	10	U	10	U	10	U		
Ethylbenzene	15	UJ	10	U	10	U	10	U		
Xylenes (total)	15	UJ	10	U	10	U	10	U		
Styrene	15	UJ	10	U	10	U	10	U		
Bromoform	15	UJ	10	U	10	U	10	U		
Isopropylbenzene	15	UJ	10	U	10	U	10	U		
1,1,2,2-Tetrachloroethane	15	UJ	10	U	10	U	10	U		
1,3-Dichlorobenzene	15	UJ	10	U	10	U	10	U		
1,4-Dichlorobenzene	15	UJ	10	U	10	U	10	U		
1,2-Dichlorobenzene	15	UJ	10	U	10	U	10	U		
1,2-Dibromo-3-chloropropane	15	UJ	10	U	10	U	10	R		
1,2,4-Trichlorobenzene	15	VS	10	VS	10	VS	10	U		

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X0		E00X1		E00X1MS		E00X1MSD		E00X3	
Sampling Location :	G210		G201		G201		G201		G203	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	09:15		09:30		09:30		09:30		10:45	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane	10	VS	10	VS	10	VS	10	VS	10	VS
1,1-Dichloroethene	10	UJ	10	UJ	83	J	84	J	10	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	3	J	10	U	1	J	10	U
Carbon Disulfide	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Methyl Acetate	10	U	10	U	10	U	10	U	10	U
Methylene Chloride	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
trans-1,2-Dichloroethene	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U
2-Butanone	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Benzene	10	U	10	UJ	69		70		10	U
1,2-Dichloroethane	10	U	10	U	2	J	2	J	10	U
Trichloroethene	10	U	10	UJ	70		70		10	U
Methylcyclohexane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	10	U	10	U	1	J	1	J	10	U
Toluene	10	U	10	UJ	65		67		10	U
trans-1,3-Dichloropropene	10	U	10	U	2	J	2	J	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X0		E00X1		E00X1MS		E00X1MSD		E00X3	
Sampling Location :	G210		G201		G201		G201		G203	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	09:15		09:30		09:30		09:30		10:45	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	62		62		10	U
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Xylenes (total)	10	U	10	U	10	U	10	U	6	J
Styrene	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Isopropylbenzene	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	2	J
1,2-Dibromo-3-chloropropane	10	R	10	R	10	R	10	R	10	R
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U

Analytical Results (Qualified Data)

Case #: 30448
SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X4		E00X5		E00X6		E00X7		E00Y8	
Sampling Location :	G204		G202		G205		G206		G207	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	10:45		11:55		11:40		13:20		15:15	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane	10	VS	10	VS	10	VS	10	VS	10	VS
1,1-Dichloroethene	10	UJ	10	UJ	10	UJ	9	J	10	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	UJ	61	J	10	UJ	10	UJ	10	UJ
Methyl Acetate	10	U	10	U	10	U	10	U	10	U
Methylene Chloride	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
trans-1,2-Dichloroethene	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	12		10	U
cis-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U
2-Butanone	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane	10	U	10	U	10	U	24		10	U
Cyclohexane	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Benzene	10	U	10	U	10	U	16		10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U
Methylcyclohexane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X4		E00X5		E00X6		E00X7		E00Y8	
Sampling Location :	G204		G202		G205		G206		G207	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	10:45		11:55		11:40		13:20		15:15	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Xylenes (total)	8	J	10	U	10	U	10	U	10	U
Styrene	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Isopropylbenzene	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	3	J	10	U	10	U	10	U	10	U
1,2-Dibromo-3-chloropropane	10	R	10	R	10	R	10	R	10	R
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	VBLKLN		VBLKOF		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	N/A		N/A		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10	U	10	UJ	10	M				
Chloromethane	10	U	10	UJ	10	M				
Vinyl Chloride	10	U	10	U	10	M				
Bromomethane	10	U	10	U	10	M				
Chloroethane	10	U	10	U	10	M				
Trichlorofluoromethane	10	VS	10	U	10	M				
1,1-Dichloroethene	10	UJ	10	U	10	M				
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	M				
Acetone	10	U	10	U	10	M				
Carbon Disulfide	10	UJ	10	U	10	M				
Methyl Acetate	10	U	10	U	10	M				
Methylene Chloride	10	UJ	2	J	2	M				
trans-1,2-Dichloroethene	10	UJ	10	U	10	M				
Methyl tert-Butyl Ether	10	U	10	U	10	M				
1,1-Dichloroethane	10	U	10	U	10	M				
cis-1,2-Dichloroethene	10	U	10	U	10	M				
2-Butanone	10	U	10	U	10	M				
Chloroform	10	U	10	U	10	M				
1,1,1-Trichloroethane	10	U	10	U	10	M				
Cyclohexane	10	U	10	U	10	M				
Carbon Tetrachloride	10	U	10	U	10	M				
Benzene	10	U	10	U	10	M				
1,2-Dichloroethane	10	U	10	U	10	M				
Trichloroethene	10	U	10	U	10	M				
Methylcyclohexane	10	U	10	U	10	M				
1,2-Dichloropropane	10	U	10	U	10	M				
Bromodichloromethane	10	U	10	U	10	M				
cis-1,3-Dichloropropene	10	U	10	U	10	M				
4-Methyl-2-pentanone	10	U	10	U	10	M				
Toluene	10	U	10	U	10	M				
trans-1,3-Dichloropropene	10	U	10	U	10	M				
1,1,2-Trichloroethane	10	U	10	U	10	M				
Tetrachloroethene	10	U	10	U	10	M				

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	VBLKLN		VBLKOF		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	N/A		N/A		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	10	UJ	10	UJ	10	M				
Dibromochloromethane	10	U	10	U	10	M				
1,2-Dibromoethane	10	U	10	U	10	M				
Chlorobenzene	10	U	10	U	10	M				
Ethylbenzene	10	U	10	U	10	M				
Xylenes (total)	10	U	10	U	10	M				
Styrene	10	U	10	U	10	M				
Bromoform	10	U	10	U	10	M				
Isopropylbenzene	10	U	10	U	10	M				
1,1,2,2-Tetrachloroethane	10	U	10	U	10	M				
1,3-Dichlorobenzene	10	U	10	U	10	M				
1,4-Dichlorobenzene	10	U	10	U	10	M				
1,2-Dichlorobenzene	10	U	10	U	10	M				
1,2-Dibromo-3-chloropropane	10	R	10	U	10	M				
1,2,4-Trichlorobenzene	10	U	4	J	10	M				

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Number of Soil Samples : 12
Number of Water Samples : 8

Sample Number :	E00T3		E00T4		E00T4MS		E00T4MSD		E00T6	
Sampling Location :	X303		X306		X306		X306		X301	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	10:30		11:15		11:15		11:15		12:15	
%Moisture :	8		16		16		16		15	
pH :	8.9		9.2		9.2		9.2		9.2	
Dilution Factor :	30.0		5.0		5.0		5.0		5.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	11000	VS	1900	VS	1900	VS	1900	VS	59000	VS
Phenol	11000	U	1900	U	1800	J	1700	J	59000	UJ
bis-(2-Chloroethyl) ether	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2-Chlorophenol	11000	U	1900	U	1700	J	1400	J	59000	UJ
2-Methylphenol	11000	U	1900	U	1900	U	1900	U	59000	UJ
2,2'-oxybis(1-Chloropropane)	11000	VS	1900	UJ	1900	UJ	1900	UJ	59000	UJ
Acetophenone	11000	VS	1900	U	1900	U	1900	U	59000	UJ
4-Methylphenol	11000	U	1900	U	1900	U	1900	U	59000	UJ
N-Nitroso-di-n-propylamine	11000	VS	1900	U	1100	J	990	J	59000	UJ
Hexachloroethane	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Nitrobenzene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Isophorone	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2-Nitrophenol	11000	U	1900	U	1900	U	1900	U	59000	UJ
2,4-Dimethylphenol	11000	U	1900	U	1900	U	1900	U	59000	UJ
bis(2-Chloroethoxy)methane	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2,4-Dichlorophenol	11000	U	1900	U	1900	U	1900	U	59000	UJ
Naphthalene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
4-Chloroaniline	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Hexachlorobutadiene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Caprolactam	11000	VS	1900	U	1900	U	1900	U	59000	UJ
4-Chloro-3-methylphenol	11000	U	1900	U	2200		1900		59000	UJ
2-Methylnaphthalene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Hexachlorocyclopentadiene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2,4,6-Trichlorophenol	11000	U	1900	U	1900	U	1900	U	59000	UJ
2,4,5-Trichlorophenol	27000	U	4900	U	4900	U	4900	U	150000	UJ
1,1'-Biphenyl	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2-Chloronaphthalene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2-Nitroaniline	27000	VS	4900	U	4900	U	4900	U	150000	UJ
Dimethylphthalate	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2,6-Dinitrotoluene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Acenaphthylene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
3-Nitroaniline	27000	VS	4900	UJ	4900	UJ	4900	UJ	150000	UJ
Acenaphthene	11000	VS	1900	U	1600	J	1400	J	59000	UJ

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Analytical Results (Qualified Data)

Case #: 30443 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00T3		E00T4		E00T4MS		E00T4MSD		E00T6	
Sampling Location :	X303		X306		X306		X306		X301	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	10:30		11:15		11:15		11:15		12:15	
%Moisture :	8		16		16		16		15	
pH :	8.9		9.2		9.2		9.2		9.2	
Dilution Factor :	30.0		5.0		5.0		5.0		5.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	27000	UJ	4900	UJ	4900	UJ	4900	UJ	150000	UJ
4-Nitrophenol	27000	UJ	4900	UJ	890	J	730	J	150000	UJ
Dibenzofuran	11000	VS	1900	U	1900	U	1900	U	59000	UJ
2,4-Dinitrotoluene	11000	VS	1900	U	1300	J	1200	J	59000	UJ
Diethylphthalate	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Fluorene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
4-Chlorophenyl-phenyl ether	11000	VS	1900	U	1900	U	1900	U	59000	UJ
4-Nitroaniline	27000	VS	4900	UJ	4900	UJ	4900	UJ	150000	UJ
4,6-Dinitro-2-methylphenol	27000	UJ	4900	UJ	4900	UJ	4900	UJ	150000	UJ
N-Nitrosodiphenylamine	11000	VS	1900	U	1900	U	1900	U	59000	UJ
4-Bromophenyl-phenylether	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Hexachlorobenzene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Atrazine	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Pentachlorophenol	27000	U	4900	UJ	4900	U	4900	M	150000	UJ
Phenanthrene	11000	VS	270	J	220	J	230	J	59000	UJ
Anthracene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Carbazole	11000	VS	1900	UJ	1900	UJ	1900	UJ	59000	UJ
Di-n-butylphthalate	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Fluoranthene	11000	VS	690	J	490	J	490	J	59000	UJ
Pyrene	11000	VS	620	J	2300	J	1900	J	59000	UJ
Butylbenzylphthalate	11000	VS	1900	UJ	1900	UJ	1900	UJ	59000	UJ
3,3'-Dichlorobenzidine	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Benzo(a)anthracene	11000	VS	360	J	220	J	210	J	59000	UJ
Chrysene	11000	VS	410	J	260	J	280	J	59000	UJ
bis(2-Ethylhexyl)phthalate	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Di-n-octylphthalate	11000	VS	1900	UJ	1900	UJ	1900	UJ	59000	UJ
Benzo(b)fluoranthene	11000	VS	470	J	280	J	220	J	59000	UJ
Benzo(k)fluoranthene	11000	VS	300	J	260	J	220	J	59000	UJ
Benzo(a)pyrene	11000	VS	290	J	200	J	1900	U	59000	UJ
Indeno(1,2,3-cd)pyrene	11000	VS	260	J	200	J	1900	U	59000	UJ
Dibenzo(a,h)anthracene	11000	VS	1900	U	1900	U	1900	U	59000	UJ
Benzo(g,h,i)perylene	11000	VS	260	J	1900	U	1900	U	59000	UJ

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00T6MS		E00T6MSD		E00T7		E00W0		E00W2	
Sampling Location :	X301		X301		X302		X304		X314	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	12:15		12:15		14:10		15:00		16:20	
%Moisture :	15		15		11		12		15	
pH :	9.2		9.2		9.7		9.1		6.8	
Dilution Factor :	5.0		5.0		30.0		10.0		100.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	59000	VS	59000	VS	11000	VS	3700	VS	1200000	VS
Phenol	51000	J	42000	J	11000	VS	3700	U	1200000	VS
bis-(2-Chloroethyl) ether	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2-Chlorophenol	45000	J	36000	J	11000	VS	3700	U	1200000	VS
2-Methylphenol	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2,2'-oxybis(1-Chloropropane)	59000	UJ	59000	UJ	11000	VS	3700	UJ	1200000	VS
Acetophenone	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
4-Methylphenol	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
N-Nitroso-di-n-propylamine	31000	J	24000	J	11000	VS	3700	U	1200000	VS
Hexachloroethane	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Nitrobenzene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Isophorone	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2-Nitrophenol	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2,4-Dimethylphenol	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
bis(2-Chloroethoxy)methane	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2,4-Dichlorophenol	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Naphthalene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
4-Chloroaniline	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Hexachlorobutadiene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Caprolactam	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
4-Chloro-3-methylphenol	53000	J	52000	J	11000	VS	3700	U	1200000	VS
2-Methylnaphthalene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Hexachlorocyclopentadiene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2,4,6-Trichlorophenol	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2,4,5-Trichlorophenol	150000	UJ	150000	UJ	28000	VS	9300	U	2900000	VS
1,1'-Biphenyl	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2-Chloronaphthalene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2-Nitroaniline	150000	UJ	150000	UJ	28000	VS	9300	U	2900000	VS
Dimethylphthalate	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2,6-Dinitrotoluene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Acenaphthylene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
3-Nitroaniline	150000	UJ	150000	UJ	28000	VS	9300	UJ	2900000	VS
Acenaphthene	41000	J	38000	J	11000	VS	3700	U	1200000	VS

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00T6MS		E00T6MSD		E00T7		E00W0		E00W2	
Sampling Location :	X301		X301		X302		X304		X314	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	12:15		12:15		14:10		15:00		16:20	
%Moisture :	15		15		11		12		15	
pH :	9.2		9.2		9.7		9.1		6.8	
Dilution Factor :	5.0		5.0		30.0		10.0		100.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	150000	UJ	150000	UJ	28000	VS	9300	UJ	2900000	VS
4-Nitrophenol	48000	J	49000	J	28000	VS	9300	UJ	2900000	VS
Dibenzofuran	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
2,4-Dinitrotoluene	33000	J	33000	J	11000	VS	3700	U	1200000	VS
Diethylphthalate	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Fluorene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
4-Chlorophenyl-phenyl ether	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
4-Nitroaniline	150000	UJ	150000	UJ	28000	VS	9300	UJ	2900000	VS
4,6-Dinitro-2-methylphenol	150000	UJ	150000	UJ	28000	VS	9300	UJ	2900000	VS
N-Nitrosodiphenylamine	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
4-Bromophenyl-phenylether	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Hexachlorobenzene	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Atrazine	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Pentachlorophenol	20000	J	19000	J	28000	VS	9300	U	2900000	VS
Phenanthrene	59000	UJ	59000	UJ	11000	VS	5400		1200000	VS
Anthracene	59000	UJ	59000	UJ	11000	VS	1500	J	1200000	VS
Carbazole	59000	UJ	59000	UJ	11000	VS	520	J	1200000	VS
Di-n-butylphthalate	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Fluoranthene	59000	UJ	59000	UJ	11000	VS	13000		1200000	VS
Pyrene	41000	J	40000	J	11000	VS	8600	J	1200000	VS
Butylbenzylphthalate	59000	UJ	59000	UJ	11000	VS	3700	UJ	1200000	VS
3,3'-Dichlorobenzidine	59000	UJ	59000	UJ	11000	VS	3700	U	1200000	VS
Benzo(a)anthracene	59000	UJ	59000	UJ	11000	VS	5500		1200000	VS
Chrysene	59000	UJ	59000	UJ	11000	VS	5100		1200000	VS
bis(2-Ethylhexyl)phthalate	59000	UJ	59000	U	11000	VS	3700	U	1200000	VS
Di-n-octylphthalate	59000	UJ	59000	UJ	1400	VS	3700	UJ	220000	VS
Benzo(b)fluoranthene	59000	UJ	59000	UJ	11000	VS	3300	J	1200000	VS
Benzo(k)fluoranthene	59000	UJ	59000	UJ	11000	VS	4400		1200000	VS
Benzo(a)pyrene	59000	UJ	59000	UJ	11000	VS	2400	J	1200000	VS
Indeno(1,2,3-cd)pyrene	59000	UJ	59000	UJ	11000	VS	1600	J	1200000	VS
Dibenzo(a,h)anthracene	59000	UJ	59000	UJ	11000	VS	580	J	1200000	VS
Benzo(g,h,i)perylene	59000	UJ	59000	UJ	11000	VS	1100	J	1200000	VS

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W3		E00W4		E00W5		E00W6		E00W7	
Sampling Location :	X315		X316		X317		X318		X319	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	16:35		16:50		17:30		17:50		18:00	
%Moisture :	17		19		24		23		49	
pH :	6.2		6.6		6.2		7.1		7.4	
Dilution Factor :	30.0		30.0		20.0		200.0		20.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	360000	VS	370000	VS	260000	VS	86000	VS	390000	VS
Phenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
bis-(2-Chloroethyl) ether	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2-Chlorophenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
2-Methylphenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
2,2'-oxybis(1-Chloropropane)	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Acetophenone	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
4-Methylphenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
N-Nitroso-di-n-propylamine	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Hexachloroethane	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Nitrobenzene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Isophorone	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2-Nitrophenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
2,4-Dimethylphenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
bis(2-Chloroethoxy)methane	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2,4-Dichlorophenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
Naphthalene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
4-Chloroaniline	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Hexachlorobutadiene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Caprolactam	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
4-Chloro-3-methylphenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
2-Methylnaphthalene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Hexachlorocyclopentadiene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2,4,6-Trichlorophenol	360000	UJ	370000	UJ	260000	UJ	86000	VS	390000	UJ
2,4,5-Trichlorophenol	900000	UJ	930000	UJ	660000	UJ	220000	VS	980000	UJ
1,1'-Biphenyl	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2-Chloronaphthalene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2-Nitroaniline	900000	VS	930000	VS	660000	UJ	220000	VS	980000	UJ
Dimethylphthalate	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2,6-Dinitrotoluene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Acenaphthylene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
3-Nitroaniline	900000	VS	930000	VS	660000	UJ	220000	VS	980000	UJ
Acenaphthene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W3		E00W4		E00W5		E00W6		E00W7	
Sampling Location :	X315		X316		X317		X318		X319	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	16:35		16:50		17:30		17:50		18:00	
%Moisture :	17		19		24		23		49	
pH :	6.2		6.6		6.2		7.1		7.4	
Dilution Factor :	30.0		30.0		20.0		200.0		20.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	900000	UJ	930000	UJ	660000	UJ	220000	VS	980000	UJ
4-Nitrophenol	900000	UJ	930000	UJ	660000	UJ	220000	VS	980000	UJ
Dibenzofuran	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
2,4-Dinitrotoluene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Diethylphthalate	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Fluorene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
4-Chlorophenyl-phenyl ether	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
4-Nitroaniline	900000	VS	930000	VS	660000	UJ	220000	VS	980000	UJ
4,6-Dinitro-2-methylphenol	900000	UJ	930000	UJ	660000	UJ	220000	VS	980000	UJ
N-Nitrosodiphenylamine	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
4-Bromophenyl-phenylether	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Hexachlorobenzene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Atrazine	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Pentachlorophenol	900000	UJ	930000	UJ	660000	UJ	220000	VS	980000	UJ
Phenanthrene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Anthracene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Carbazole	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Di-n-butylphthalate	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Fluoranthene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Pyrene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Butylbenzylphthalate	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
3,3'-Dichlorobenzidine	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Benzo(a)anthracene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Chrysene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
bis(2-Ethylhexyl)phthalate	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Di-n-octylphthalate	110000	VS	240000	VS	100000	J	86000	VS	390000	UJ
Benzo(b)fluoranthene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Benzo(k)fluoranthene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Benzo(a)pyrene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Indeno(1,2,3-cd)pyrene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Dibenzo(a,h)anthracene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ
Benzo(g,h,i)perylene	360000	VS	370000	VS	260000	UJ	86000	VS	390000	UJ

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W8		SBLKAA		SBLKDN		SBLKDO			
Sampling Location :	X320									
Matrix :	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	04/29/2002									
Time Sampled :	18:20									
%Moisture :	34		N/A		N/A		N/A			
pH :	7.4									
Dilution Factor :	200.0		1.0		1.0		1.0			
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	99000	VS	10000	U	330	VS	10000	VS		
Phenol	99000	VS	10000	U	330	U	10000	U		
bis-(2-Chloroethyl) ether	99000	VS	10000	U	330	U	10000	U		
2-Chlorophenol	99000	VS	10000	U	330	U	10000	U		
2-Methylphenol	99000	VS	10000	U	330	U	10000	U		
2,2'-oxybis(1-Chloropropane)	99000	VS	10000	U	330	UJ	10000	UJ		
Acetophenone	99000	VS	10000	U	330	U	10000	U		
4-Methylphenol	99000	VS	10000	U	330	U	10000	U		
N-Nitroso-di-n-propylamine	99000	VS	10000	U	330	U	10000	U		
Hexachloroethane	99000	VS	10000	U	330	U	10000	U		
Nitrobenzene	99000	VS	10000	U	330	U	10000	U		
Isophorone	99000	VS	10000	U	330	U	10000	U		
2-Nitrophenol	99000	VS	10000	U	330	U	10000	U		
2,4-Dimethylphenol	99000	VS	10000	U	330	U	10000	U		
bis(2-Chloroethoxy)methane	99000	VS	10000	U	330	U	10000	U		
2,4-Dichlorophenol	99000	VS	10000	U	330	U	10000	U		
Naphthalene	99000	VS	10000	U	330	U	10000	U		
4-Chloroaniline	99000	VS	10000	U	330	U	10000	U		
Hexachlorobutadiene	99000	VS	10000	U	330	U	10000	U		
Caprolactam	99000	VS	10000	U	330	U	10000	U		
4-Chloro-3-methylphenol	99000	VS	10000	U	330	U	10000	U		
2-Methylnaphthalene	99000	VS	10000	U	330	U	10000	U		
Hexachlorocyclopentadiene	99000	VS	10000	U	330	U	10000	U		
2,4,6-Trichlorophenol	99000	VS	10000	U	330	U	10000	U		
2,4,5-Trichlorophenol	250000	VS	25000	U	830	U	25000	U		
1,1'-Biphenyl	99000	VS	10000	U	330	U	10000	U		
2-Chloronaphthalene	99000	VS	10000	U	330	U	10000	U		
2-Nitroaniline	250000	VS	25000	U	830	U	25000	U		
Dimethylphthalate	99000	VS	10000	U	330	U	10000	U		
2,6-Dinitrotoluene	99000	VS	10000	U	330	U	10000	U		
Acenaphthylene	99000	VS	10000	U	330	U	10000	U		
3-Nitroaniline	250000	VS	25000	U	830	UJ	25000	UJ		
Acenaphthene	99000	VS	10000	U	330	U	10000	U		

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W8		SBLKAA		SBLKDN		SBLKDO			
Sampling Location :	X320									
Matrix :	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	04/29/2002									
Time Sampled :	18:20									
%Moisture :	34		N/A		N/A		N/A			
pH :	7.4									
Dilution Factor :	200.0		1.0		1.0		1.0			
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	250000	VS	25000	U	830	UJ	25000	UJ		
4-Nitrophenol	250000	VS	25000	U	830	UJ	25000	UJ		
Dibenzofuran	99000	VS	10000	U	330	U	10000	U		
2,4-Dinitrotoluene	99000	VS	10000	U	330	U	10000	U		
Diethylphthalate	99000	VS	10000	U	330	U	10000	U		
Fluorene	99000	VS	10000	U	330	U	10000	U		
4-Chlorophenyl-phenyl ether	99000	VS	10000	U	330	U	10000	U		
4-Nitroaniline	250000	VS	25000	U	830	UJ	25000	UJ		
4,6-Dinitro-2-methylphenol	250000	VS	25000	U	830	UJ	25000	UJ		
N-Nitrosodiphenylamine	99000	VS	10000	U	330	U	10000	U		
4-Bromophenyl-phenylether	99000	VS	10000	U	330	U	10000	U		
Hexachlorobenzene	99000	VS	10000	U	330	U	10000	U		
Atrazine	99000	VS	10000	U	330	U	10000	U		
Pentachlorophenol	250000	VS	25000	U	830	U	25000	U		
Phenanthrene	99000	VS	10000	U	330	U	10000	U		
Anthracene	99000	VS	10000	U	330	U	10000	U		
Carbazole	99000	VS	10000	U	330	UJ	10000	UJ		
Di-n-butylphthalate	99000	VS	10000	U	330	U	10000	U		
Fluoranthene	99000	VS	10000	U	330	U	10000	U		
Pyrene	99000	VS	10000	U	330	UJ	10000	UJ		
Butylbenzylphthalate	99000	VS	10000	U	330	UJ	10000	UJ		
3,3-Dichlorobenzidine	99000	VS	10000	U	330	U	10000	U		
Benzo(a)anthracene	99000	VS	10000	U	330	U	10000	U		
Chrysene	99000	VS	10000	U	330	U	10000	U		
bis(2-Ethylhexyl)phthalate	99000	VS	1700	J	180	J	2200	J		
Di-n-octylphthalate	99000	VS	10000	U	330	UJ	10000	UJ		
Benzo(b)fluoranthene	99000	VS	10000	U	330	U	10000	U		
Benzo(k)fluoranthene	99000	VS	10000	U	330	U	10000	U		
Benzo(a)pyrene	99000	VS	10000	U	330	U	10000	U		
Indeno(1,2,3-cd)pyrene	99000	VS	10000	U	330	U	10000	U		
Dibenzo(a,h)anthracene	99000	VS	10000	U	330	U	10000	U		
Benzo(g,h,i)perylene	99000	VS	10000	U	330	U	10000	U		

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X0		E00X1		E00X1MS		E00X1MSD		E00X3	
Sampling Location :	G210		G201		G201		G201		G203	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	09:15		09:30		09:30		09:30		10:45	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	10	VS	10	VS	10	VS	10	VS	10	VS
Phenol	10	U	10	U	52		49		10	U
bis-(2-Chloroethyl) ether	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	47		46		10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Acetophenone	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	26		29		10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	7	J	7	J	8	J	29	
4-Chloroaniline	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U	10	U	10	U	10	U	14	
4-Chloro-3-methylphenol	10	U	10	U	53		53		10	U
2-Methylnaphthalene	10	U	15		15		16		76	
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
1,1'-Biphenyl	10	U	10	U	10	U	10	U	5	J
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	2	J	2	J	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	33		33		3	J

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X0		E00X1		E00X1MS		E00X1MSD		E00X3	
Sampling Location :	G210		G201		G201		G201		G203	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	09:15		09:30		09:30		09:30		10:45	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
4-Nitrophenol	25	U	25	U	56		59		25	U
Dibenzofuran	10	U	10	U	10	U	10	U	4	J
2,4-Dinitrotoluene	10	UJ	10	UJ	41	J	41	J	10	UJ
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	1	J	1	J	1	J	5	J
4-Chlorophenyl-phenyl ether	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
N-Nitrosodiphenylamine	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	69		69		25	U
Phenanthrene	10	U	10	U	10	U	10	U	4	J
Anthracene	10	U	10	U	10	U	10	U	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U
Di-n-butylphthalate	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	30		32		10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	13	U	10	U
Di-n-octylphthalate	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X4		E00X4DL		E00X5		E00X6		E00X7	
Sampling Location :	G204		G204		G202		G205		G206	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	10:45		10:45		11:55		11:40		13:20	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		2.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	10	VS	20	VS	10	VS	10	VS	10	VS
Phenol	10	U	20	U	10	U	10	U	10	U
bis-(2-Chloroethyl) ether	10	U	20	U	10	U	10	U	10	U
2-Chlorophenol	10	U	20	U	10	U	10	U	10	U
2-Methylphenol	10	U	20	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	UJ	20	UJ	10	UJ	10	UJ	10	UJ
Acetophenone	10	U	20	U	10	U	10	U	10	U
4-Methylphenol	1	J	20	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	20	U	10	U	10	U	10	U
Hexachloroethane	10	U	20	U	10	U	10	U	10	U
Nitrobenzene	10	U	20	U	10	U	10	U	10	U
Isophorone	10	U	20	U	10	U	10	U	10	U
2-Nitrophenol	10	U	20	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	20	U	10	U	10	U	10	U
bis(2-Chloroethoxy)methane	10	U	20	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	20	U	10	U	10	U	10	U
Naphthalene	37		34		10	U	10	U	10	U
4-Chloroaniline	10	U	20	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	20	U	10	U	10	U	10	U
Caprolactam	25		21		10	U	2	J	10	U
4-Chloro-3-methylphenol	10	U	20	U	10	U	10	U	10	U
2-Methylnaphthalene	91		91		10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	20	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	10	U	20	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	50	U	25	U	25	U	25	U
1,1'-Biphenyl	6	J	6	J	10	U	10	U	10	U
2-Chloronaphthalene	10	U	20	U	10	U	10	U	10	U
2-Nitroaniline	25	UJ	50	U	25	UJ	25	U	25	U
Dimethylphthalate	10	U	20	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	20	U	10	U	10	U	10	U
Acenaphthylene	10	U	20	U	10	U	10	U	10	U
3-Nitroaniline	25	U	50	U	25	U	25	U	25	U
Acenaphthene	4	J	3	J	10	U	10	U	10	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X4		E00X4DL		E00X5		E00X6		E00X7	
Sampling Location :	G204		G204		G202		G205		G206	
Matrix :	Water		Water		Water		Water		Water	
Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	10:45		10:45		11:55		11:40		13:20	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		2.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	25	UJ	50	UJ	25	UJ	25	UJ	25	UJ
4-Nitrophenol	25	U	50	UJ	25	U	25	U	25	U
Dibenzofuran	4	J	4	J	10	U	10	U	10	U
2,4-Dinitrotoluene	10	UJ	20	U	10	UJ	10	UJ	10	UJ
Diethylphthalate	10	U	20	U	10	U	10	U	10	U
Fluorene	6	J	5	J	10	U	10	U	10	U
4-Chlorophenyl-phenyl ether	10	U	20	U	10	U	10	U	10	U
4-Nitroaniline	25	U	50	UJ	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	UJ	50	U	25	UJ	25	UJ	25	UJ
N-Nitrosodiphenylamine	10	U	20	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	10	U	20	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	20	U	10	U	10	U	10	U
Atrazine	10	U	20	U	10	U	10	U	10	U
Pentachlorophenol	25	U	50	U	25	U	25	U	25	U
Phenanthrene	5	J	5	J	10	U	10	U	10	U
Anthracene	10	U	20	U	10	U	10	U	10	U
Carbazole	10	U	20	U	10	U	10	U	10	U
Di-n-butylphthalate	10	U	20	U	10	U	10	U	10	U
Fluoranthene	10	U	20	U	10	U	10	U	10	U
Pyrene	10	U	20	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	20	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	20	U	10	U	10	U	10	U
Benzo(a)anthracene	10	U	20	U	10	U	10	U	10	U
Chrysene	10	U	20	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	20	U	32	U	10	U	10	U
Di-n-octylphthalate	10	UJ	20	UJ	10	UJ	10	U	10	U
Benzo(b)fluoranthene	10	U	20	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	20	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	20	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	20	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	20	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	20	U	10	U	10	U	10	U

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00Y8		SBLKDA		SBLKIW					
Sampling Location :	G207									
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :	04/30/2002									
Time Sampled :	15:15									
%Moisture :	N/A		N/A		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	10	VS	10	VS	10	VS				
Phenol	10	U	10	U	10	U				
bis-(2-Chloroethyl) ether	10	U	10	UJ	10	U				
2-Chlorophenol	10	U	10	U	10	U				
2-Methylphenol	10	U	10	U	10	U				
2,2'-oxybis(1-Chloropropane)	10	UJ	10	UJ	10	UJ				
Acetophenone	10	U	10	U	10	U				
4-Methylphenol	10	U	10	U	1	J				
N-Nitroso-di-n-propylamine	10	U	10	U	10	U				
Hexachloroethane	10	U	10	U	10	U				
Nitrobenzene	10	U	10	U	10	U				
Isophorone	10	U	10	U	10	U				
2-Nitrophenol	10	U	10	U	10	U				
2,4-Dimethylphenol	10	U	10	U	10	U				
bis(2-Chloroethoxy)methane	10	U	10	U	10	U				
2,4-Dichlorophenol	10	U	10	U	10	U				
Naphthalene	10	U	10	U	10	U				
4-Chloroaniline	10	U	10	U	10	U				
Hexachlorobutadiene	10	U	10	U	10	U				
Caprolactam	10	U	10	U	10	U				
4-Chloro-3-methylphenol	10	U	10	U	10	U				
2-Methylnaphthalene	10	U	10	U	10	U				
Hexachlorocyclopentadiene	10	U	10	U	10	U				
2,4,6-Trichlorophenol	10	U	10	U	10	U				
2,4,5-Trichlorophenol	25	U	25	U	25	U				
1,1'-Biphenyl	10	U	10	U	10	U				
2-Chloronaphthalene	10	U	10	U	10	U				
2-Nitroaniline	25	U	25	U	25	U				
Dimethylphthalate	10	U	10	U	10	U				
2,6-Dinitrotoluene	10	U	10	U	10	U				
Acenaphthylene	10	U	10	U	10	U				
3-Nitroaniline	25	U	25	U	25	U				
Acenaphthene	10	U	10	U	10	U				

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00Y8		SBLKDA		SBLKIW					
Sampling Location :	G207									
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :	04/30/2002									
Time Sampled :	15:15									
%Moisture :	N/A		N/A		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	25	UJ	25	U	25	UJ				
4-Nitrophenol	25	U	25	U	25	U				
Dibenzofuran	10	U	10	U	10	U				
2,4-Dinitrotoluene	10	UJ	10	U	10	UJ				
Diethylphthalate	10	U	10	U	10	U				
Fluorene	10	U	10	U	10	U				
4-Chlorophenyl-phenyl ether	10	U	10	U	10	U				
4-Nitroaniline	25	U	25	U	25	U				
4,6-Dinitro-2-methylphenol	25	UJ	25	U	25	UJ				
N-Nitrosodiphenylamine	10	U	10	U	10	U				
4-Bromophenyl-phenylether	10	U	10	U	10	U				
Hexachlorobenzene	10	U	10	U	10	U				
Atrazine	10	U	10	U	10	U				
Pentachlorophenol	25	U	25	U	25	U				
Phenanthrene	10	U	10	U	10	U				
Anthracene	10	U	10	U	10	U				
Carbazole	10	U	10	U	10	U				
Di-n-butylphthalate	10	U	10	U	10	U				
Fluoranthene	10	U	10	U	10	U				
Pyrene	10	U	10	U	10	U				
Butylbenzylphthalate	10	U	10	U	10	U				
3,3'-Dichlorobenzidine	10	U	10	U	10	U				
Benzo(a)anthracene	10	U	10	U	10	U				
Chrysene	10	U	10	U	10	U				
bis(2-Ethylhexyl)phthalate	10	U	34		38					
Di-n-octylphthalate	10	U	10	UJ	10	U				
Benzo(b)fluoranthene	10	U	10	UJ	10	U				
Benzo(k)fluoranthene	10	U	10	U	10	U				
Benzo(a)pyrene	10	U	10	U	10	U				
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U				
Dibenzo(a,h)anthracene	10	U	10	U	10	U				
Benzo(g,h,i)perylene	10	U	10	U	10	U				

Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Number of Soil Samples : 12
Number of Water Samples : 8

Sample Number :	E00T3		E00T3DL		E00T4		E00T4MS		E00T4MSD	
Sampling Location :	X303		X303		X306		X306		X306	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	10:30		10:30		11:15		11:15		11:15	
%Moisture :	8		8		16		16		16	
pH :	8.9		8.9		9.2		9.2		9.2	
Dilution Factor :	1.0		10.0		1.0		1.0		1.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.9	M	18	M	2.0	M	2.0	M	2.0	M
beta-BHC	1.9	M	18	M	2.0	M	3.3	M	4.5	M
delta-BHC	1.9	M	18	M	2.0	M	2.0	M	2.0	M
gamma-BHC (Lindane)	1.9	M	18	M	2.0	M	14	M	14	M
Heptachlor	1.9	M	18	M	2.5	M	15	M	16	M
Aldrin	1.9	M	18	M	2.0	M	19	M	18	M
Heptachlor epoxide	6.7	M	18	M	2.0	M	2.0	M	2.0	M
Endosulfan I	26	M	44	M	2.0	M	2.9	M	3.8	M
Dieldrin	3.6	M	36	M	3.9	M	31	M	32	M
4,4'-DDE	4.6	M	36	M	9.8	M	5.0	M	12	M
Endrin	3.6	M	36	M	3.9	M	32	M	33	M
Endosulfan II	53	M	68	M	3.9	M	3.9	M	3.9	M
4,4'-DDD	3.6	M	36	M	3.9	M	3.9	M	3.9	M
Endosulfan sulfate	3.6	M	36	M	3.9	M	3.9	M	3.9	M
4,4'-DDT	25	M	36	M	3.9	M	28	M	28	M
Methoxychlor	18	M	180	M	20	M	20	M	20	M
Endrin ketone	5.8	M	36	M	15	M	24	M	9.9	M
Endrin aldehyde	3.6	M	36	M	3.9	M	3.9	M	3.9	M
alpha-Chlordane	1.9	M	18	M	2.0	M	2.0	M	2.0	M
gamma-Chlordane	4.3	M	18	M	7.6	M	5.9	M	7.1	M
Toxaphene	180	U	1800	U	200	U	200	U	200	U
Aroclor-1016	36	U	360	U	39	U	39	U	39	U
Aroclor-1221	73	U	730	U	79	U	79	U	79	U
Aroclor-1232	36	U	360	U	39	U	39	U	39	U
Aroclor-1242	36	U	360	U	160		160		130	VS
Aroclor-1248	36	U	360	U	39	U	39	U	39	U
Aroclor-1254	480		800		39	U	39	U	39	U
Aroclor-1260	36	U	360	U	39	U	39	U	39	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00T6		E00T6DL		E00T7		E00T7DL		E00W0	
Sampling Location :	X301		X301		X302		X302		X304	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	12:15		12:15		14:10		14:10		15:00	
%Moisture :	15		15		11		11		12	
pH :	9.2		9.2		9.7		9.7		9.1	
Dilution Factor :	1.0		10.0		1.0		10.0		1.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.0	M	20	M	1.9	M	19	M	1.9	M
beta-BHC	18	M	20	M	15	M	47	M	1.9	M
delta-BHC	2.0	M	20	M	1.9	M	19	M	1.9	M
gamma-BHC (Lindane)	2.0	M	20	M	1.9	M	19	M	1.9	M
Heptachlor	21	M	32	M	34	M	35	M	2.7	M
Aldrin	2.0	M	180	M	1.9	M	140	M	1.9	M
Heptachlor epoxide	41	M	50	M	41	M	41	M	10	M
Endosulfan I	2.0	M	49	M	1.9	M	32	M	1.9	M
Dieldrin	3.9	M	39	M	3.7	M	37	M	3.7	M
4,4'-DDE	3.9	M	39	M	3.7	M	37	M	3.7	M
Endrin	3.9	M	39	M	3.7	M	37	M	3.7	M
Endosulfan II	91	M	39	M	56	M	37	M	20	M
4,4'-DDD	3.9	M	39	M	3.7	M	37	M	3.7	M
Endosulfan sulfate	3.9	M	39	M	3.7	M	37	M	3.7	M
4,4'-DDT	3.9	M	39	M	5.2	M	37	M	3.7	M
Methoxychlor	20	M	200	M	19	M	190	M	19	M
Endrin ketone	8.1	M	39	M	12	M	37	M	7.0	M
Endrin aldehyde	3.9	M	39	M	3.7	M	37	M	3.7	M
alpha-Chlordane	7.9	M	20	M	1.9	M	19	M	1.9	M
gamma-Chlordane	59	M	91	M	37	M	53	M	17	M
Toxaphene	200	U	2000	U	190	UJ	1900	UJ	190	U
Aroclor-1016	39	U	390	U	37	UJ	370	UJ	37	U
Aroclor-1221	79	U	790	U	75	UJ	750	UJ	75	U
Aroclor-1232	39	U	390	U	37	UJ	370	UJ	37	U
Aroclor-1242	3100	J	4500	J	2200	J	3000	J	660	
Aroclor-1248	39	U	390	U	37	UJ	370	UJ	37	U
Aroclor-1254	39	U	390	U	37	UJ	370	UJ	37	U
Aroclor-1260	39	U	390	U	37	UJ	370	UJ	37	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W0DL		E00W2		E00W2DL		E00W3		E00W3DL	
Sampling Location :	X304		X314		X314		X315		X315	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	15:00		16:20		16:20		16:35		16:35	
%Moisture :	12		15		15		17		17	
pH :	9.1		6.8		6.8		6.2		6.2	
Dilution Factor :	10.0		10.0		100.0		100.0		1000.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	19	M	20	M	200	M	200	M	2000	M
beta-BHC	19	M	53	M	200	M	200	M	2000	M
delta-BHC	19	M	20	M	200	M	200	M	2000	M
gamma-BHC (Lindane)	19	M	20	M	200	M	200	M	2000	M
Heptachlor	19	M	330	M	530	M	3700	M	6200	M
Aldrin	48	M	650	M	200	M	200	M	2000	M
Heptachlor epoxide	19	M	390	M	610	M	2700	M	4200	M
Endosulfan I	19	M	20	M	200	M	200	M	2000	M
Dieldrin	37	M	140	M	380	M	400	M	4000	M
4,4'-DDE	37	M	38	M	380	M	400	M	4000	M
Endrin	37	M	38	M	380	M	400	M	4000	M
Endosulfan II	37	M	38	M	420	M	2200	M	4000	M
4,4'-DDD	37	M	38	M	380	M	400	M	4000	M
Endosulfan sulfate	37	M	38	M	380	M	400	M	4000	M
4,4'-DDT	37	M	42	M	380	M	400	M	4000	M
Methoxychlor	190	M	200	M	2000	M	2000	M	20000	M
Endrin ketone	37	M	38	M	380	M	400	M	4000	M
Endrin aldehyde	37	M	38	M	380	M	400	M	4000	M
alpha-Chlordane	19	M	20	M	200	M	200	M	2000	M
gamma-Chlordane	26	M	260	M	420	M	1500	M	2800	M
Toxaphene	1900	U	2000	M	20000	M	20000	M	200000	M
Aroclor-1016	370	U	380	M	3800	M	4000	M	40000	M
Aroclor-1221	750	U	780	M	7800	M	8000	M	80000	M
Aroclor-1232	370	U	380	M	3800	M	4000	M	40000	M
Aroclor-1242	1100		20000	M	35000	M	180000	M	300000	M
Aroclor-1248	370	U	380	M	3800	M	4000	M	40000	M
Aroclor-1254	370	U	380	M	3800	M	4000	M	40000	M
Aroclor-1260	370	U	380	M	3800	M	4000	M	40000	M

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Analytical Results (Qualified Data)

Case #: 30443 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W4		E00W4DL		E00W5		E00W5DL		E00W6	
Sampling Location :	X316		X316		X317		X317		X318	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	16:50		16:50		17:30		17:30		17:50	
%Moisture :	19		19		24		24		23	
pH	6.6		6.6		6.2		6.2		7.1	
Dilution Factor :	10.0		100.0		10.0		100.0		1.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	21	M	210	M	22	M	220	M	2.2	M
beta-BHC	91	M	210	M	66	M	220	M	35	M
delta-BHC	21	M	210	M	22	M	220	M	2.2	M
gamma-BHC (Lindane)	21	M	210	M	22	M	220	M	2.2	M
Heptachlor	380	M	570	M	120	M	220	M	8.8	M
Aldrin	530	M	210	M	270	M	220	M	37	M
Heptachlor epoxide	190	M	340	M	140	M	220	M	9.6	M
Endosulfan I	83	M	210	M	56	M	220	M	2.2	M
Dieldrin	74	M	400	M	44	M	430	M	4.9	M
4,4'-DDE	40	M	400	M	43	M	430	M	4.2	M
Endrin	40	M	400	M	43	M	430	M	4.2	M
Endosulfan II	40	M	400	M	43	M	430	M	4.2	M
4,4'-DDD	40	M	400	M	43	M	430	M	4.2	M
Endosulfan sulfate	40	M	400	M	43	M	430	M	4.2	M
4,4'-DDT	40	M	400	M	60	M	430	M	4.2	M
Methoxychlor	210	M	2100	M	220	M	2200	M	22	M
Endrin ketone	40	M	400	M	43	M	430	M	4.2	M
Endrin aldehyde	40	M	400	M	43	M	430	M	4.2	M
alpha-Chlordane	21	M	210	M	22	M	220	M	3.8	M
gamma-Chlordane	160	M	260	M	110	M	220	M	21	M
Toxaphene	2100	M	21000	M	2200	M	22000	M	220	U
Aroclor-1016	400	M	4000	M	430	M	4300	M	42	U
Aroclor-1221	820	M	8200	M	880	M	8800	M	86	U
Aroclor-1232	400	M	4000	M	430	M	4300	M	42	U
Aroclor-1242	17000	M	28000	M	8700	M	14000	M	1000	
Aroclor-1248	400	M	4000	M	430	M	4300	M	42	U
Aroclor-1254	400	M	4000	M	430	M	4300	M	42	U
Aroclor-1260	400	M	4000	M	430	M	4300	M	42	U

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Analytical Results (Qualified Data)

Case #: 30443 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00W6DL		E00W7		E00W7DL		E00W8		E00W8DL	
Sampling Location :	X318		X319		X319		X320		X320	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	17:50		18:00		18:00		18:20		18:20	
%Moisture :	23		49		49		34		34	
pH	7.1		7.4		7.4		7.2		7.2	
Dilution Factor :	10.0		1.0		10.0		1.0		10.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	22	M	3.3	R	33	M	2.6	M	26	M
beta-BHC	56	M	47	M	61	M	2.6	M	26	M
delta-BHC	22	M	3.3	R	33	M	8.5	M	26	M
gamma-BHC (Lindane)	22	M	3.3	R	33	M	2.6	M	26	M
Heptachlor	22	M	3.3	R	33	M	2.6	M	26	M
Aldrin	64	M	8.3	M	33	M	53	M	26	M
Heptachlor epoxide	22	M	24	M	33	M	8.8	M	26	M
Endosulfan I	22	M	3.3	R	33	M	2.6	M	26	M
Dieldrin	42	M	6.4	R	64	M	8.8	M	50	M
4,4'-DDE	42	M	6.4	R	64	M	5.0	M	50	M
Endrin	42	M	6.4	R	64	M	5.0	M	50	M
Endosulfan I	42	M	6.4	R	64	M	5.0	M	50	M
4,4'-DDD	42	M	6.4	R	64	M	5.0	M	50	M
Endosulfan sulfate	42	M	6.4	R	64	M	5.0	M	50	M
4,4'-DDT	42	M	6.4	R	64	M	5.0	M	50	M
Methoxychlor	220	M	33	R	330	M	29	M	260	M
Endrin ketone	42	M	6.4	R	64	M	5.0	M	50	M
Endrin aldehyde	42	M	6.4	R	64	M	5.0	M	50	M
alpha-Chlordane	22	M	3.3	R	33	M	2.6	M	26	M
gamma-Chlordane	34	M	5.0	M	33	M	11	M	26	M
Toxaphene	2200	U	330	R	3300	M	260	U	2600	U
Aroclor-1016	420	U	64	R	640	M	50	U	500	U
Aroclor-1221	860	U	130	R	1300	M	100	U	1000	U
Aroclor-1232	420	U	64	R	640	M	50	U	500	U
Aroclor-1242	1700		220	M	640	M	1300	VS	2000	VS
Aroclor-1248	420	U	64	R	640	M	50	U	500	U
Aroclor-1254	420	U	64	R	640	M	50	U	500	U
Aroclor-1260	420	U	64	R	640	M	50	U	500	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	PBLK02									
Sampling Location :										
Matrix :	Soil									
Units :	ug/Kg									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :										
Dilution Factor :	1.0									
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.7	M								
beta-BHC	1.7	M								
delta-BHC	1.7	M								
gamma-BHC (Lindane)	1.7	M								
Heptachlor	1.7	M								
Aldrin	1.7	M								
Heptachlor epoxide	1.7	M								
Endosulfan I	1.7	M								
Dieldrin	3.3	M								
4,4'-DDE	3.3	M								
Endrin	3.3	M								
Endosulfan II	3.3	M								
4,4'-DDD	3.3	M								
Endosulfan sulfate	3.3	M								
4,4'-DDT	3.3	M								
Methoxychlor	17	M								
Endrin ketone	3.3	M								
Endrin aldehyde	3.3	M								
alpha-Chlordane	1.7	M								
gamma-Chlordane	1.7	M								
Toxaphene	170	U								
Aroclor-1016	33	U								
Aroclor-1221	67	U								
Aroclor-1232	33	U								
Aroclor-1242	33	U								
Aroclor-1248	33	U								
Aroclor-1254	33	U								
Aroclor-1260	33	U								

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X0		E00X1		E00X1MS		E00X1MSD		E00X3	
Sampling Location :	G210		G201		G201		G201		G203	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	09:15		09:30		09:30		09:30		10:45	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
beta-BHC	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
delta-BHC	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
gamma-BHC (Lindane)	0.050	M	0.050	M	0.35	M	0.33	M	0.050	M
Heptachlor	0.050	M	0.050	M	0.28	M	0.25	M	0.050	M
Aldrin	0.050	M	0.050	M	0.25	M	0.21	M	0.050	M
Heptachlor epoxide	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Endosulfan I	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Dieldrin	0.10	M	0.10	M	0.67	M	0.64	M	0.10	M
4,4'-DDE	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Endrin	0.10	M	0.10	M	0.74	M	0.72	M	0.10	M
Endosulfan II	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
4,4'-DDD	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Endosulfan sulfate	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
,4'-DDT	0.10	M	0.10	M	0.45	M	0.41	M	0.10	M
Methoxychlor	0.50	M	0.50	M	0.50	M	0.50	M	0.50	M
Endrin ketone	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Endrin aldehyde	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
alpha-Chlordane	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
gamma-Chlordane	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Toxaphene	5.0	U	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U
Aroclor-1016	1.0	U	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U
Aroclor-1221	2.0	U	2.0	UJ	2.0	UJ	2.0	UJ	2.0	U
Aroclor-1232	1.0	U	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U
Aroclor-1242	1.0	U	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U
Aroclor-1248	1.0	U	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U
Aroclor-1254	1.0	U	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U
Aroclor-1260	1.0	U	1.0	UJ	1.0	UJ	1.0	UJ	1.0	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00X4		E00X5		E00X6		E00X7		E00Y8	
Sampling Location :	G204		G202		G205		G206		G207	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	10:45		11:55		11:40		13:20		15:15	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
beta-BHC	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
delta-BHC	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
gamma-BHC (Lindane)	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Heptachlor	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Aldrin	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Heptachlor epoxide	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Endosulfan I	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Dieldrin	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
4,4'-DDE	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Endrin	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Endosulfan II	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
4,4'-DDD	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Endosulfan sulfate	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
4,4'-DDT	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Methoxychlor	0.50	M	0.50	M	0.50	M	0.50	M	0.50	M
Endrin ketone	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
Endrin aldehyde	0.10	M	0.10	M	0.10	M	0.10	M	0.10	M
alpha-Chlordane	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
gamma-Chlordane	0.050	M	0.050	M	0.050	M	0.050	M	0.050	M
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1260	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

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Analytical Results (Qualified Data)

Case #: 30445 SDG : E00T3
Site : LACLEDE STEEL
Lab. : CEIMIC
eviewer :
Date :

Sample Number :	PBLK01									
Sampling Location :										
Matrix :	Water									
Units :	ug/L									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :										
Dilution Factor :	1.0									
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	0.050	M								
beta-BHC	0.050	M								
delta-BHC	0.050	M								
gamma-BHC (Lindane)	0.050	M								
Heptachlor	0.050	M								
Aldrin	0.050	M								
Heptachlor epoxide	0.050	M								
Endosulfan I	0.050	M								
Dieldrin	0.10	M								
4,4'-DDE	0.10	M								
Endrin	0.10	M								
Endosulfan II	0.10	M								
4,4'-DDD	0.10	M								
Endosulfan sulfate	0.10	M								
4,4'-DDT	0.10	M								
Methoxychlor	0.50	M								
Endrin ketone	0.10	M								
Endrin aldehyde	0.10	M								
alpha-Chlordane	0.050	M								
gamma-Chlordane	0.050	M								
Toxaphene	5.0	U								
Aroclor-1016	1.0	U								
Aroclor-1221	2.0	U								
Aroclor-1232	1.0	U								
Aroclor-1242	1.0	U								
Aroclor-1248	1.0	U								
Aroclor-1254	1.0	U								
Aroclor-1260	1.0	U								

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APR 26 2002

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE: _____

SUBJECT: Electronic (**Level 2**) Review of Data

Received for Review on April 18, 2002

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

The following data has been electronically reviewed by CADRE. No review of the raw data, laboratory narrative, laboratory forms or chain-of-custody forms was performed.

ITE NAME: Laclede Steel (IL)

A NUMBER: 30305 SDG NUMBER: E00J2

umber and Type of Samples: 9 Soils

mple Numbers: E00J2 - E00J9, E00K0

oratory: Ceimic Hrs. for Review: _____

owing are our findings:

ecilia Moore
gion 5 TPO
de: SMF-4J

APR 29 2002

Case Number : 30305 SDG Number: E00J2
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Nine (9) soil samples, numbered *E00J2* through *E00J9* and *E00K0*, were collected on *March 20, 2002*. The lab received the samples on *March 22, 2002* in good condition. All samples were analyzed for the full list of organic analytes. All were analyzed according to CLP SOW *OLM04.2* 5/99.

Case Number : 30305 SDG Number: E00J2
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

1. HOLDING TIME

No problems found for this qualification.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No problems found for this qualification.

3. CALIBRATION

CALIBRATION CRITERIA

Volatile

	Primary	Expanded
Minimum RRF	0.05	0.05
Maximum %RSD (initial calibration)	30	30
Maximum %D (continuing calibration)	25	25
Calibration time period	12	

Semivolatile

	Primary	Expanded
Minimum RRF	0.05	0.05
Maximum %RSD (initial calibration)	30	30
Maximum %D (continuing calibration)	25	25
Calibration time period	12	

Pesticide

Maximum %RSD (initial calibration) - TCL analytes	20
- surrogates	30
Maximum RPD (continuing calibration)	25
DDA/INDB percent resolution	90
Continuing calibration sequence time	12

Case Number : 30305 SDG Number: E00J2
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

DC-18: The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has relative response factors (RRFs) outside primary criteria. Hits are flagged "J" and non-detects are qualified "R".

1,2-Dibromo-3-chloropropane
E00J2, E00J3, E00J4, E00J4MS, E00J4MSD, E00J5, E00J6, E00J7, E00J8, E00J9, E00K0, VBLKLA, VBLKLG, VHBLK01

DC-22: The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "UJ".

Methylene Chloride
E00J2, E00J3, E00J4, E00J4MS, E00J4MSD, E00J5, E00J6, E00J7, E00J8, E00J9, E00K0, VBLKLA, VBLKLG, VHBLK01

DC-23: The following volatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Dichlorodifluoromethane, Chloromethane
E00J2, E00J3, E00J4, E00J4MS, E00J4MSD, E00J5, E00J6, E00J7, E00J8, E00J9, E00K0, VBLKLA

Acetone, 2-Butanone
VBLKLG, VHBLK01

C-98: The following semivolatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "UJ".

Benzaldehyde, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol
E00J2, E00J3, E00J4, E00J4MS, E00J4MSD, E00J5, E00J6, E00J7, E00J8, E00J9, E00J9RE, E00K0, E00K0RE, SBLKKO

-100: The following semivolatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Benzaldehyde
E00J2, E00J3, E00J4, E00J4MS, E00J4MSD, E00J5, E00J6, E00J7, E00J8, E00J9, E00J9RE, E00K0, E00K0RE, SBLKKO

Case Number : 30305 SDG Number: E00J2
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

2-Nitroaniline, 2,4-Dinitrophenol, 2,4-Dinitrotoluene
E00J2, E00J3, E00J5, E00J6, E00J7, E00J8, E00J9RE, E00K0RE

DC-197: The following pesticide samples are not qualified for continuing calibration because of missing continuing calibration information. Manual review of the data is required.

E00J2, E00J3, E00J4, E00J4MS, E00J4MSD, E00J5, E00J6, E00J6DL, E00J7, E00J8, E00J8DL, E00J9, E00J9DL, E00K0, E00K0DL, PBLK01

4. BLANKS

LABORATORY BLANKS CRITERIA

Volatile

Method Blank Contamination Threshold Multipliers

	First	Expanded
Common contaminant compounds	10.00	10.00
Other compounds	5.00	5.00

Semivolatile

Method Blank Contamination Threshold Multipliers

	First	Expanded
ommon contaminant compounds	10.00	10.00
ther compounds	5.00	5.00

31: The following volatile samples have analyte concentrations reported above the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Hits are qualified "U" and non-detects are not flagged.

Methylene Chloride
E00J2, E00J3, E00J4, E00J4MS, E00J4MSD, E00J5, E00J6, E00J7, E00J8, E00J9, E00K0

Case Number : 30305 SDG Number: E00J2
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

DC-202: The following semivolatile samples have analyte concentrations reported above the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Hits are qualified "U" and non-detects are not flagged.

E00J5
bis(2-Ethylhexyl)phthalate

DC-206: The following semivolatile samples have analyte concentrations reported below the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" and non-detects are not flagged.

bis(2-Ethylhexyl)phthalate
E00J3, E00J4, E00J4MS, E00J4MSD, E00J6, E00J7, E00J8, E00J9, E00J9RE, E00K0, E00K0RE

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

SMC/SURROGATE CRITERIA

Pesticide

Percent Recovery Limits

	--- Water ---		---- Soil ---	
	Lower	Upper	Lower	Upper
Tetrachloro-m-xylene	30.0	150.0	30.0	150.0
Decachlorobiphenyl	30.0	150.0	30.0	150.0

C-174: The following pesticide samples have surrogate percent recoveries which exceed the upper limit of the criteria window. Hits are qualified "J" and non-detects are not flagged.

E00J6DL, E00J9, E00J9DL, E00K0, E00K0DL

-175: The following undiluted pesticide samples have surrogate percent recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

E00J2, E00J3

Case Number : 30305 SDG Number: E00J2
te Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

DC-177: The following pesticide samples have surrogate percent recoveries outside the lower limit of the criteria window, but greater than 10%. Hits are qualified "J" and non-detects are qualified "UJ".

E00J2, E00J3, E00J4MS

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

MATRIX SPIKE CRITERIA

Volatile

Percent Recovery Limits & RPD

	Water			Soil		
	Lower	Upper	RPD	Lower	Upper	RPD
Dichloroethene	61.0	145.0	14.0	59.0	172.0	22.0
Benzene	76.0	127.0	11.0	66.0	142.0	21.0
Trichloroethene	71.0	120.0	14.0	62.0	137.0	24.0
Toluene	76.0	125.0	13.0	59.0	139.0	21.0
Chlorobenzene	75.0	130.0	13.0	60.0	133.0	21.0

Semivolatile

Percent Recovery Limits & RPD

	Water			Soil		
	Lower	Upper	RPD	Lower	Upper	RPD
henol	12.0	110.0	42.0	26.0	90.0	35.0
-Chlorophenol	27.0	123.0	40.0	25.0	102.0	50.0
-Nitroso-di-n-propylamine	41.0	116.0	38.0	41.0	126.0	38.0
Chloro-3-methylphenol	23.0	97.0	42.0	26.0	103.0	33.0
enaphthene	46.0	118.0	31.0	31.0	137.0	19.0
Nitrophenol	10.0	80.0	50.0	11.0	114.0	50.0
4-Dinitrotoluene	24.0	96.0	38.0	28.0	89.0	47.0

Case Number : 30305 SDG Number: E00J2
te Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

Pentachlorophenol	9.0	103.0	50.0	17.0	109.0	47.0
Pyrene	26.0	127.0	31.0	35.0	142.0	36.0

Pesticide

Percent Recovery Limits & RPD

	Water			Soil		
	Lower	Upper	RPD	Lower	Upper	RPD
gamma-BHC (Lindane)	56.0	123.0	15.0	46.0	127.0	50.0
Heptachlor	40.0	131.0	20.0	35.0	130.0	31.0
Aldrin	40.0	120.0	22.0	34.0	132.0	43.0
Dieldrin	52.0	126.0	18.0	31.0	134.0	38.0
Endrin	56.0	121.0	21.0	42.0	139.0	45.0
4,4'-DDT	38.0	127.0	27.0	23.0	134.0	50.0

)C-39: The following volatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria. Results for the outlier compounds in the unspiked sample E00J4 are estimated, "J" and non-detects are estimated, "UJ".

E00J4MS, E00J4MSD
1,1-Dichloroethene , Benzene, Trichloroethene, Toluene, Chlorobenzene

C-48: The relative percent difference (RPD) between the following semivolatile matrix spike and matrix spike duplicate recoveries is outside criteria. Results for the outlier compound in the unspiked sample E00J4 is estimated, "J" and a non-detect is estimated, "UJ".

E00J4MS, E00J4MSD
Pentachlorophenol

-51: The following semivolatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria. Results for the outlier compounds in the unspiked sample E00J4 are estimated, "J" and non-detects are estimated, "UJ".

E00J4MS
Pentachlorophenol, Pyrene

E00J4MSD
Pyrene

Case Number : 30305 SDG Number: E00J2
te Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

DC-169: The relative percent difference (RPD) between the following pesticide matrix spike and matrix spike duplicate recoveries is outside criteria. Results for the outlier compound in the unspiked sample E00J4 is estimated, "J" and a non-detect is estimated, "UJ".

E00J4MS, E00J4MSD
gamma-BHC (Lindane)

DC-170: The following pesticide matrix spike/matrix spike duplicate samples have percent recovery outside criteria. Results for the outlier compounds in the unspiked sample E00J4 are estimated, "J" and non-detects are estimated, "UJ".

E00J4MS
gamma-BHC (Lindane), Aldrin

E00J4MSD
Aldrin

. FIELD BLANK AND FIELD DUPLICATE

Jo samples were identified as either trip blanks, field blanks or field duplicates. Results are not qualified a upon the results of the field blank or field duplicates.

. INTERNAL STANDARDS

INTERNAL STANDARD CRITERIA

Semivolatile

Retention Time & Area Count Limits

	-- Primary --		- Expanded --	
	Lower	Upper	Lower	Upper
etention time	- 0.5	+ 0.5	- 0.5	+ 0.5
rea count	/ 2 *	2 /	5 *	2

-76: The following semivolatile samples have internal standard area counts that are outside the upper limit of primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Case Number : 30305 SDG Number: E00J2
te Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00J4, E00J4MS
Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

E00J4MSD, E00J9, E00K0
Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene. Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

E00J9RE
Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 1,1'-Biphenyl, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 2,6-Dinitrotoluene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

E00K0RE
4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine , Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

). COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, and Pesticide/PCB compounds were properly identified.

0. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

CONTRACT REQUIRED SAMPLE QUANTITY

	Water	Low Soil	Med Soil
VOA	5.0 (ML)	5.0 (G)	4.0 (G)
BNA	1000.0 (ML)	30.0 (G)	1.0 (G)
PES	1000.0 (ML)	30.0 (G)	

C-45: The following volatile samples have analyte concentrations below the quantitation limit (CRQL): All results below the CRQL are qualified "J".

Case Number : 30305 SDG Number: E00J2
Case Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00J7
Toluene

E00J9
1,4-Dichlorobenzene

VBLKLG
Acetone

DC-110: The following semivolatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E00J2
2-Methylnaphthalene, Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene

E00J3
Di-n-butylphthalate

E00J4, E00J5
Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

E00J4MS
Pentachlorophenol, Phenanthrene, Fluoranthene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00J4MSD
Pentachlorophenol, Phenanthrene, Fluoranthene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

E00J6
Phenanthrene, Fluoranthene, Pyrene,

E00J7
Phenanthrene, Fluoranthene, Pyrene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene

E00J8
Fluoranthene, Pyrene, Chrysene, Benzo(b)fluoranthene

Case Number : 30305 SDG Number: E00J2
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00J9
4-Methylphenol, Phenanthrene, Anthracene, Carbazole, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00J9RE
4-Methylphenol, Phenanthrene, Anthracene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E00K0
Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene

E00K0RE
Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene

SBLKKO
bis(2-Ethylhexyl)phthalate

C-158: The following pesticide samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

E00J2
alpha-Chlordane

E00J5
Endosulfan II

E00K0
alpha-Chlordane, gamma-Chlordane

E00K0DL
alpha-BHC

-422: The following pesticide samples have analytes for which the percent difference between column results exceeds primary criteria. Professional judgement should be used to qualify the data.

E00J3
delta-BHC

Case Number : 30305 SDG Number: E00J2
Site Name: LACLEDE STEEL (IL) Laboratory: CEIMIC

E00J4
alpha-Chlordane, Aroclor-1254

E00J4MS
Aldrin, alpha-Chlordane

E00J4MSD
Aldrin, Endrin, 4,4'-DDT, alpha-Chlordane, Aroclor-1254

E00J5
alpha-Chlordane, Aroclor-1248, Aroclor-1254

E00J6
beta-BHC, Aldrin, Dieldrin, alpha-Chlordane, gamma-Chlordane, Aroclor-1248, Aroclor-1254

E00J6DL
alpha-Chlordane, Aroclor-1248

E00J7
gamma-Chlordane

E00J8
Dieldrin, Endosulfan II, Endrin ketone

E00J8DL
Endosulfan II, Endrin aldehyde

E00J9
beta-BHC, Heptachlor, Dieldrin, Endosulfan II, alpha-Chlordane, gamma-Chlordane, Aroclor-1254

E00J9DL
alpha-Chlordane, gamma-Chlordane

1. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

2. ADDITIONAL INFORMATION

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The anlayte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present)

Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site . LACLEDE STEEL
Lab . CEIMIC
Reviewer
Date

Number of Soil Samples . 9
Number of Water Samples 0

Sample Number :	E00J2		E00J3		E00J4		E00J4MS		E00J4MSD	
Sampling Location :	X201		X202		X203		X203		X203	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	15:00		09:30		10:00		10:00		10:00	
%Moisture :	28		25		32		32		32	
pH										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	14	UJ	13	UJ	14	UJ	14	UJ	14	UJ
Chloromethane	14	UJ	13	UJ	14	UJ	14	UJ	14	UJ
Vinyl Chloride	14	U	13	U	14	U	14	U	14	U
Bromomethane	14	U	13	U	14	U	14	U	14	U
Chloroethane	14	U	13	U	14	U	14	U	14	U
Trichlorofluoromethane	14	U	13	U	14	U	14	U	14	U
1,1-Dichloroethene	14	U	13	U	14	UJ	38		41	
1,1,2-Trichloro-1,2,2-trifluoroethane	14	U	13	U	14	U	14	U	14	U
Acetone	25		29		97		150		200	
Carbon Disulfide	14	U	13	U	14	U	14	U	14	U
Methyl Acetate	14	U	13	U	14	U	14	U	14	U
Methylene Chloride	77	U	81	U	80	U	71	U	79	U
trans-1,2-Dichloroethene	14	U	13	U	14	U	14	U	14	U
Methyl tert-Butyl Ether	14	U	13	U	14	U	14	U	14	U
1-Dichloroethane	14	U	13	U	14	U	14	U	14	U
cis-1,2-Dichloroethene	14	U	13	U	14	U	14	U	14	U
2-Butanone	14	U	13	U	14	U	14	U	14	U
Chloroform	14	U	13	U	14	U	14	U	14	U
1,1,1-Trichloroethane	14	U	13	U	14	U	14	U	14	U
Cyclohexane	14	U	13	U	14	U	14	U	14	U
Carbon Tetrachloride	14	U	13	U	14	U	14	U	14	U
Benzene	14	U	13	U	14	UJ	42		44	
1,2-Dichloroethane	14	U	13	U	14	U	14	U	14	U
Trichloroethene	14	U	13	U	14	UJ	35		36	
Methylcyclohexane	14	U	13	U	14	U	14	U	14	U
1,2-Dichloropropane	14	U	13	U	14	U	14	U	14	U
Bromodichloromethane	14	U	13	U	14	U	14	U	14	U
cis-1,3-Dichloropropene	14	U	13	U	14	U	14	U	14	U
4-Methyl-2-pentanone	14	U	13	U	14	U	14	U	14	U
Toluene	14	U	13	U	14	UJ	37		37	
trans-1,3-Dichloropropene	14	U	13	U	14	U	14	U	14	U
1,1,2-Trichloroethane	14	U	13	U	14	U	14	U	14	U
Tetrachloroethene	14	U	13	U	14	U	14	U	14	U

DISCLAIMER This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case # 30305 SDG E00J2
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number :	E00J2		E00J3		E00J4		E00J4MS		E00J4MSD	
Sampling Location :	X201		X202		X203		X203		X203	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	15:00		09:30		10:00		10:00		10:00	
%Moisture :	28		25		32		32		32	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	14	U	13	U	14	U	14	U	14	U
Dibromochloromethane	14	U	13	U	14	U	14	U	14	U
1,2-Dibromoethane	14	U	13	U	14	U	14	U	14	U
Chlorobenzene	14	U	13	U	14	UJ	30		30	
Ethylbenzene	14	U	13	U	14	U	14	U	14	U
Xylenes (total)	14	U	13	U	14	U	14	U	14	U
Styrene	14	U	13	U	14	U	14	U	14	U
Bromoform	14	U	13	U	14	U	14	U	14	U
Isopropylbenzene	14	U	13	U	14	U	14	U	14	U
1,1,2,2-Tetrachloroethane	14	U	13	U	14	U	14	U	14	U
1,3-Dichlorobenzene	14	U	13	U	14	U	14	U	14	U
1,4-Dichlorobenzene	14	U	13	U	14	U	14	U	14	U
1,2-Dichlorobenzene	14	U	13	U	14	U	14	U	14	U
1,2-Dibromo-3-chloropropane	14	R	13	R	14	R	14	R	14	R
2,4-Trichlorobenzene	14	U	13	U	14	U	14	U	14	U

Analytical Results (Qualified Data)

Case #: 30305 SDG E00J2
Site : LACLEDE STEEL
Lab : CEIMIC
Reviewer
Date

Sample Number :	E00J5		E00J6		E00J7		E00J8		E00J9	
Sampling Location :	X204		X205		X206		X207		X208	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	10:00		10:30		11:30		12:15		13:00	
%Moisture	33		56		50		70		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	15	UJ	23	UJ	19	UJ	33	UJ	10	UJ
Chloromethane	15	UJ	23	UJ	19	UJ	33	UJ	10	UJ
Vinyl Chloride	15	U	23	U	19	U	33	U	10	U
Bromomethane	15	U	23	U	19	U	33	U	10	U
Chloroethane	15	U	23	U	19	U	33	U	10	U
Trichlorofluoromethane	15	U	23	U	19	U	33	U	10	U
1,1-Dichloroethene	15	U	23	U	19	U	33	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	15	U	23	U	19	U	33	U	10	U
Acetone	40		71		170		210		43	
Carbon Disulfide	15	U	23	U	19	U	33	U	10	U
Methyl Acetate	15	U	23	U	19	U	33	U	10	U
Methylene Chloride	62	U	100	U	170	U	240	U	31	U
trans-1,2-Dichloroethene	15	U	23	U	19	U	33	U	10	U
Methyl tert-Butyl Ether	15	U	23	U	19	U	33	U	10	U
1-Dichloroethane	15	U	23	U	19	U	33	U	10	U
cis-1,2-Dichloroethene	15	U	23	U	19	U	33	U	10	U
2-Butanone	15	U	23	U	19	U	33	U	17	
Chloroform	15	U	23	U	19	U	33	U	10	U
1,1,1-Trichloroethane	15	U	23	U	19	U	33	U	10	U
Cyclohexane	15	U	23	U	19	U	33	U	10	U
Carbon Tetrachloride	15	U	23	U	19	U	33	U	10	U
Benzene	15	U	23	U	19	U	33	U	10	U
1,2-Dichloroethane	15	U	23	U	19	U	33	U	10	U
Trichloroethene	15	U	23	U	19	U	33	U	10	U
Methylcyclohexane	15	U	23	U	19	U	33	U	10	U
1,2-Dichloropropane	15	U	23	U	19	U	33	U	10	U
Bromodichloromethane	15	U	23	U	19	U	33	U	10	U
cis-1,3-Dichloropropene	15	U	23	U	19	U	33	U	10	U
4-Methyl-2-pentanone	15	U	23	U	19	U	33	U	10	U
Toluene	15	U	23	U	5	J	33	U	11	
trans-1,3-Dichloropropene	15	U	23	U	19	U	33	U	10	U
1,1,2-Trichloroethane	15	U	23	U	19	U	33	U	10	U
Tetrachloroethene	15	U	23	U	19	U	33	U	10	U

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Analytical Results (Qualified Data)

Case #: 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab. CEIMIC
Reviewer :
Date

Sample Number :	E00J5		E00J6		E00J7		E00J8		E00J9	
Sampling Location :	X204		X205		X206		X207		X208	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	10:00		10:30		11:30		12:15		13.00	
%Moisture :	33		56		50		70		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	15	U	23	U	19	U	33	U	10	U
Dibromochloromethane	15	U	23	U	19	U	33	U	10	U
1,2-Dibromoethane	15	U	23	U	19	U	33	U	10	U
Chlorobenzene	15	U	23	U	19	U	33	U	10	U
Ethylbenzene	15	U	23	U	19	U	33	U	10	U
Xylenes (total)	15	U	23	U	19	U	33	U	10	U
Styrene	15	U	23	U	19	U	33	U	10	U
Bromoform	15	U	23	U	19	U	33	U	10	U
Isopropylbenzene	15	U	23	U	19	U	33	U	10	U
1,1,2,2-Tetrachloroethane	15	U	23	U	19	U	33	U	10	U
1,3-Dichlorobenzene	15	U	23	U	19	U	33	U	10	U
1,4-Dichlorobenzene	15	U	23	U	19	U	33	U	5	J
1,2-Dichlorobenzene	15	U	23	U	19	U	33	U	10	U
1,2-Dibromo-3-chloropropane	15	R	23	R	19	R	33	R	10	R
1,2,4-Trichlorobenzene	15	U	23	U	19	U	33	U	10	U

Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site LACLEDE STEEL
Lab CEIMIC
Reviewer :
Date :

Sample Number :	E00K0		VBLKLA		VBLKLG		VHBLK01			
Sampling Location	X209									
Matrix :	Soil		Soil		Soil		Soil			
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	03/20/2002									
Time Sampled :	13 45									
%Moisture :	32		N/A		N/A		0			
pH :										
Dilution Factor :	1.0		1.0		1.0		1 0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	14	UJ	10	UJ	10	U	10	U		
Chloromethane	14	UJ	10	UJ	10	U	10	U		
Vinyl Chloride	14	U	10	U	10	U	10	U		
Bromomethane	14	U	10	U	10	U	10	U		
Chloroethane	14	U	10	U	10	U	10	U		
Trichlorofluoromethane	14	U	10	U	10	U	10	U		
1,1-Dichloroethene	14	U	10	U	10	U	10	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	14	U	10	U	10	U	10	U		
Acetone	41		10	U	2	J	10	UJ		
Carbon Disulfide	14	U	10	U	10	U	10	U		
Methyl Acetate	14	U	10	U	10	U	10	U		
Methylene Chloride	39	U	19	J	11	J	11	J		
trans-1,2-Dichloroethene	14	U	10	U	10	U	10	U		
Methyl tert-Butyl Ether	14	U	10	U	10	U	10	U		
1,1-Dichloroethane	14	U	10	U	10	U	10	U		
cis-1,2-Dichloroethene	14	U	10	U	10	U	10	U		
2-Butanone	14	U	10	U	10	UJ	10	UJ		
Chloroform	14	U	10	U	10	U	10	U		
1,1,1-Trichloroethane	14	U	10	U	10	U	10	U		
Cyclohexane	14	U	10	U	10	U	10	U		
Carbon Tetrachloride	14	U	10	U	10	U	10	U		
Benzene	14	U	10	U	10	U	10	U		
1,2-Dichloroethane	14	U	10	U	10	U	10	U		
Trichloroethene	14	U	10	U	10	U	10	U		
Methylcyclohexane	14	U	10	U	10	U	10	U		
1,2-Dichloropropane	14	U	10	U	10	U	10	U		
Bromodichloromethane	14	U	10	U	10	U	10	U		
cis-1,3-Dichloropropene	14	U	10	U	10	U	10	U		
4-Methyl-2-pentanone	14	U	10	U	10	U	10	U		
Toluene	14	U	10	U	10	U	10	U		
trans-1,3-Dichloropropene	14	U	10	U	10	U	10	U		
1,1,2-Trichloroethane	14	U	10	U	10	U	10	U		
Tetrachloroethene	14	U	10	U	10	U	10	U		

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Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer
Date

Sample Number :	E00K0		VBLKLA		VBLKLG		VHBLK01			
Sampling Location	X209									
Matrix	Soil		Soil		Soil		Soil			
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	03/20/2002									
Time Sampled :	13:45									
%Moisture :	32		N/A		N/A		0			
pH :										
Dilution Factor	1.0		1.0		1.0		1.0			
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2-Hexanone	14	U	10	U	10	U	10	U		
Dibromochloromethane	14	U	10	U	10	U	10	U		
1,2-Dibromoethane	14	U	10	U	10	U	10	U		
Chlorobenzene	14	U	10	U	10	U	10	U		
Ethylbenzene	14	U	10	U	10	U	10	U		
Xylenes (total)	14	U	10	U	10	U	10	U		
Styrene	14	U	10	U	10	U	10	U		
Bromoform	14	U	10	U	10	U	10	U		
Isopropylbenzene	14	U	10	U	10	U	10	U		
1,1,2,2-Tetrachloroethane	14	U	10	U	10	U	10	U		
1,3-Dichlorobenzene	14	U	10	U	10	U	10	U		
1,4-Dichlorobenzene	14	U	10	U	10	U	10	U		
1,2-Dichlorobenzene	14	U	10	U	10	U	10	U		
1,2-Dibromo-3-chloropropane	14	R	10	R	10	R	10	R		
1,2,4-Trichlorobenzene	14	U	10	U	10	U	10	U		

Analytical Results (Qualified Data)

Case #: 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date

Number of Soil Samples 9
Number of Water Samples 0

Sample Number	E00J2		E00J3		E00J4		E00J4MS		E00J4MSD	
Sampling Location :	X201		X202		X203		X203		X203	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled	15:00		09:30		10:00		10:00		10:00	
%Moisture :	28		30		55		55		55	
pH	6.9		8.2		6.6		6.6		6.6	
Dilution Factor :	5.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	2300	UJ	470	UJ	720	UJ	730	UJ	720	UJ
Phenol	2300	U	470	U	720	U	2800		2500	
bis-(2-Chloroethyl) ether	2300	U	470	U	720	U	730	U	720	U
2-Chlorophenol	2300	U	470	U	720	U	2700		2300	
2-Methylphenol	2300	U	470	U	720	U	730	U	720	U
2,2'-oxybis(1-Chloropropane)	2300	U	470	U	720	U	730	U	720	U
Acetophenone	2300	U	470	U	720	U	730	U	720	U
4-Methylphenol	2300	U	470	U	720	U	730	U	720	U
N-Nitroso-di-n-propylamine	2300	U	470	U	720	U	1700		1500	
Hexachloroethane	2300	U	470	U	720	U	730	U	720	U
Nitrobenzene	2300	U	470	U	720	U	730	U	720	U
Isophorone	2300	U	470	U	720	U	730	U	720	U
2-Nitrophenol	2300	U	470	U	720	U	730	U	720	U
2,4-Dimethylphenol	2300	U	470	U	720	U	730	U	720	U
bis(2-Chloroethoxy)methane	2300	U	470	U	720	U	730	U	720	U
2,4-Dichlorophenol	2300	U	470	U	720	U	730	U	720	U
Naphthalene	2300	U	470	U	720	U	730	U	720	U
4-Chloroaniline	2300	U	470	U	720	U	730	U	720	U
Hexachlorobutadiene	2300	U	470	U	720	U	730	U	720	U
Caprolactam	2300	U	470	U	720	U	730	U	720	U
4-Chloro-3-methylphenol	2300	U	470	U	720	U	3300		3200	
2-Methylnaphthalene	250	J	470	U	720	U	730	U	720	U
Hexachlorocyclopentadiene	2300	U	470	U	720	U	730	U	720	U
2,4,6-Trichlorophenol	2300	U	470	U	720	U	730	U	720	U
2,4,5-Trichlorophenol	5800	U	1200	U	1800	U	1800	U	1800	U
1,1'-Biphenyl	2300	U	470	U	720	U	730	U	720	U
2-Chloronaphthalene	2300	U	470	U	720	U	730	U	720	U
2-Nitroaniline	5800	UJ	1200	UJ	1800	U	1800	U	1800	U
Dimethylphthalate	2300	U	470	U	720	U	730	U	720	U
2,6-Dinitrotoluene	2300	U	470	U	720	U	730	U	720	U
Acenaphthylene	2300	U	470	U	720	U	730	U	720	U
3-Nitroaniline	5800	U	1200	U	1800	U	1800	U	1800	U
Acenaphthene	2300	U	470	U	720	U	2000		1800	

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Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab CEIMIC
Reviewer
Date

Sample Number	E00J2		E00J3		E00J4		E00J4MS		E00J4MSD	
Sampling Location :	X201		X202		X203		X203		X203	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	15:00		09:30		10:00		10:00		10:00	
%Moisture :	28		30		55		55		55	
pH	6.9		8.2		6.6		6.6		6.6	
Dilution Factor :	5.0		1.0		1.0		1.0		1.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	5800	UJ	1200	UJ	1800	UJ	1800	UJ	1800	UJ
4-Nitrophenol	5800	U	1200	U	1800	U	3400		3500	
Dibenzofuran	2300	U	470	U	720	U	730	U	720	U
2,4-Dinitrotoluene	2300	UJ	470	UJ	720	U	2200		2100	
Diethylphthalate	2300	U	470	U	720	U	730	U	720	U
Fluorene	2300	U	470	U	720	U	730	U	720	U
4-Chlorophenyl-phenyl ether	2300	U	470	U	720	U	730	U	720	U
4-Nitroaniline	5800	U	1200	U	1800	U	1800	U	1800	U
4,6-Dinitro-2-methylphenol	5800	UJ	1200	UJ	1800	UJ	1800	UJ	1800	UJ
N-Nitrosodiphenylamine	2300	U	470	U	720	U	730	U	720	U
4-Bromophenyl-phenylether	2300	U	470	U	720	U	730	U	720	U
Hexachlorobenzene	2300	U	470	U	720	U	730	U	720	U
Atrazine	2300	U	470	U	720	U	730	U	720	U
Pentachlorophenol	5800	U	1200	U	1800	UJ	340	J	920	J
Phenanthrene	350	J	470	U	420	J	430	J	580	J
Anthracene	2300	U	470	U	720	U	730	U	720	U
Carbazole	2300	U	470	U	720	U	730	U	720	U
Di-n-butylphthalate	2300	U	110	J	720	U	730	U	720	U
Fluoranthene	590	J	470	U	220	J	200	J	310	J
Pyrene	560	J	470	U	430	J	1600		1500	J
Butylbenzylphthalate	2300	U	470	U	720	U	730	U	720	UJ
3,3-Dichlorobenzidine	2300	U	470	U	720	U	730	U	720	UJ
Benzo(a)anthracene	330	J	470	U	360	J	320	J	450	J
Chrysene	380	J	470	U	800		730		970	J
bis(2-Ethylhexyl)phthalate	2300	U	470	U	720	U	730	U	720	U
Di-n-octylphthalate	2300	U	470	U	720	UJ	730	UJ	720	UJ
Benzo(b)fluoranthene	320	J	470	U	320	J	260	J	380	J
Benzo(k)fluoranthene	310	J	470	U	120	J	110	J	140	J
Benzo(a)pyrene	300	J	470	U	340	J	300	J	420	J
Indeno(1,2,3-cd)pyrene	2300	U	470	U	94	J	83	J	720	UJ
Dibenzo(a,h)anthracene	2300	U	470	U	89	J	730	UJ	720	UJ
Benzo(g,h,i)perylene	2300	U	470	U	170	J	130	J	120	J

Analytical Results (Qualified Data)

Case #: 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab CEIMIC
Reviewer :
Date

Sample Number :	E00J5		E00J6		E00J7		E00J8		E00J9	
Sampling Location	X204		X205		X206		X207		X208	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	10:00		10 30		11:30		12:15		13:00	
%Moisture	49		24		53		46		50	
pH :	6.4		7.9		9.5		7.0		6.5	
Dilution Factor :	1.0		5 0		1.0		1 0		10.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	640	UJ	2200	UJ	690	UJ	610	UJ	6500	UJ
Phenol	640	U	2200	U	690	U	610	U	6500	U
bis-(2-Chloroethyl) ether	640	U	2200	U	690	U	610	U	6500	U
2-Chlorophenol	640	U	2200	U	690	U	610	U	6500	U
2-Methylphenol	640	U	2200	U	690	U	610	U	6500	U
2 2'-oxybis(1-Chloropropane)	640	U	2200	U	690	U	610	U	6500	U
Acetophenone	640	U	2200	U	690	U	610	U	6500	U
4-Methylphenol	640	U	2200	U	690	U	610	U	780	J
N-Nitroso-di-n-propylamine	640	U	2200	U	690	U	610	U	6500	U
Hexachloroethane	640	U	2200	U	690	U	610	U	6500	U
Nitrobenzene	640	U	2200	U	690	U	610	U	6500	U
Isophorone	640	U	2200	U	690	U	610	U	6500	U
2-Nitrophenol	640	U	2200	U	690	U	610	U	6500	U
2 4-Dimethylphenol	640	U	2200	U	690	U	610	U	6500	U
bis(2-Chloroethoxy)methane	640	U	2200	U	690	U	610	U	6500	U
2 4-Dichlorophenol	640	U	2200	U	690	U	610	U	6500	U
Naphthalene	640	U	2200	U	690	U	610	U	6500	U
4-Chloroaniline	640	U	2200	U	690	U	610	U	6500	U
Hexachlorobutadiene	640	U	2200	U	690	U	610	U	6500	U
Caprolactam	640	U	2200	U	690	U	610	U	6500	U
4-Chloro-3-methylphenol	640	U	2200	U	690	U	610	U	6500	U
2-Methylnaphthalene	640	U	2200	U	690	U	610	U	6500	U
Hexachlorocyclopentadiene	640	U	2200	U	690	U	610	U	6500	U
2 4,6-Trichlorophenol	640	U	2200	U	690	U	610	U	6500	U
2 4,5-Trichlorophenol	1600	U	5400	U	1700	U	1500	U	16000	U
1 1'-Biphenyl	640	U	2200	U	690	U	610	U	6500	U
2-Chloronaphthalene	640	U	2200	U	690	U	610	U	6500	U
2-Nitroaniline	1600	UJ	5400	UJ	1700	UJ	1500	UJ	16000	U
Dimethylphthalate	640	U	2200	U	690	U	610	U	6500	U
2 6-Dinitrotoluene	640	U	2200	U	690	U	610	U	6500	U
Acenaphthylene	640	U	2200	U	690	U	610	U	6500	U
3-Nitroaniline	1600	U	5400	U	1700	U	1500	U	16000	U
Acenachthene	640	U	2200	U	690	U	610	U	6500	U

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Analytical Results (Qualified Data)

Case #: 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer
Date

Sample Number	E00J5		E00J6		E00J7		E00J8		E00J9	
Sampling Location :	X204		X205		X206		X207		X208	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	10:00		10:30		11:30		12:15		13:00	
%Moisture :	49		24		53		46		50	
pH	6.4		7.9		9.5		7.0		6.5	
Dilution Factor :	1.0		5.0		1.0		1.0		10.0	
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	1600	UJ	5400	UJ	1700	UJ	1500	UJ	16000	UJ
4-Nitrophenol	1600	U	5400	U	1700	U	1500	U	16000	U
Dibenzofuran	640	U	2200	U	690	U	610	U	6500	U
2,4-Dinitrotoluene	640	UJ	2200	UJ	690	UJ	610	UJ	6500	U
Diethylphthalate	640	U	2200	U	690	U	610	U	6500	U
Fluorene	640	U	2200	U	690	U	610	U	6500	U
4-Chlorophenyl-phenyl ether	640	U	2200	U	690	U	610	U	6500	U
4-Nitroaniline	1600	U	5400	U	1700	U	1500	U	16000	U
4,6-Dinitro-2-methylphenol	1600	UJ	5400	UJ	1700	UJ	1500	UJ	16000	UJ
N-Nitrosodiphenylamine	640	U	2200	U	690	U	610	U	6500	U
4-Bromophenyl-phenylether	640	U	2200	U	690	U	610	U	6500	U
Hexachlorobenzene	640	U	2200	U	690	U	610	U	6500	U
Atrazine	640	U	2200	U	690	U	610	U	6500	U
Pentachlorophenol	1600	U	5400	U	1700	U	1500	U	16000	U
Phenanthrene	480	J	260	J	73	J	610	U	4900	J
Anthracene	640	U	2200	U	690	U	610	U	960	J
Carbazole	640	U	2200	U	690	U	610	U	670	J
Di-n-butylphthalate	640	U	2200	U	690	U	610	U	6500	U
Fluoranthene	240	J	230	J	170	J	72	J	9400	
Pyrene	630	J	260	J	160	J	89	J	4500	J
Butylbenzylphthalate	640	U	2200	U	690	U	610	U	6500	UJ
3,3-Dichlorobenzidine	640	U	2200	U	690	U	610	U	6500	UJ
Benzo(a)anthracene	390	J	2200	U	690	U	610	U	3500	J
Chrysene	860		2200	U	110	J	77	J	4300	J
bis(2-Ethylhexyl)phthalate	730	U	2200	U	690	U	610	U	6500	U
Di-n-octylphthalate	640	U	2200	U	690	U	610	U	6500	UJ
Benzo(b)fluoranthene	400	J	2200	U	110	J	67	J	3400	J
Benzo(k)fluoranthene	160	J	2200	U	95	J	610	U	3200	J
Benzo(a)pyrene	370	J	2200	U	690	U	610	U	3200	J
Indeno(1,2,3-cd)pyrene	80	J	2200	U	690	U	610	U	930	J
Dibenzo(a,h)anthracene	67	J	2200	U	690	U	610	U	6500	UJ
Benzo(g,h,i)perylene	130	J	2200	U	690	U	610	U	700	J

Analytical Results (Qualified Data)

Case #: 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number	E00J9RE		E00K0		E00K0RE		SBLKKO			
Sampling Location :	X208		X209		X209					
Matrix :	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	03/20/2002		03/20/2002		03/20/2002					
Time Sampled :	13:00		13:45		13:45					
%Moisture :	50		39		39		N/A			
pH	6.5		7.3		7.3					
Dilution Factor :	10.0		5.0		5.0		1.0			
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Benzaldehyde	6500	UJ	2700	UJ	2700	UJ	330	UJ		
Phenol	6500	U	2700	U	2700	U	330	U		
bis-(2-Chloroethyl) ether	6500	U	2700	U	2700	U	330	U		
2-Chlorophenol	6500	U	2700	U	2700	U	330	U		
2-Methylphenol	6500	U	2700	U	2700	U	330	U		
2,2-oxybis(1-Chloropropane)	6500	U	2700	U	2700	U	330	U		
Acetophenone	6500	U	2700	U	2700	U	330	U		
4-Methylphenol	900	J	2700	U	2700	U	330	U		
N-Nitroso-di-n-propylamine	6500	U	2700	U	2700	U	330	U		
Hexachloroethane	6500	U	2700	U	2700	U	330	U		
Nitrobenzene	6500	U	2700	U	2700	U	330	U		
Isophorone	6500	U	2700	U	2700	U	330	U		
2-Nitrophenol	6500	U	2700	U	2700	U	330	U		
2,4-Dimethylphenol	6500	U	2700	U	2700	U	330	U		
bis(2-Chloroethoxy)methane	6500	U	2700	U	2700	U	330	U		
2,4-Dichlorophenol	6500	U	2700	U	2700	U	330	U		
Naphthalene	6500	U	2700	U	2700	U	330	U		
4-Chloroaniline	6500	U	2700	U	2700	U	330	U		
Hexachlorobutadiene	6500	U	2700	U	2700	U	330	U		
Caprolactam	6500	U	2700	U	2700	U	330	U		
4-Chloro-3-methylphenol	6500	U	2700	U	2700	U	330	U		
2-Methylnaphthalene	6500	U	2700	U	2700	U	330	U		
Hexachlorocyclopentadiene	6500	UJ	2700	U	2700	U	330	U		
2,4,6-Trichlorophenol	6500	UJ	2700	U	2700	U	330	U		
2,4,5-Trichlorophenol	16000	UJ	6700	U	6700	U	830	U		
1,1'-Biphenyl	6500	UJ	2700	U	2700	U	330	U		
2-Chloronaphthalene	6500	UJ	2700	U	2700	U	330	U		
2-Nitroaniline	16000	UJ	6700	U	6700	UJ	830	U		
Dimethylphthalate	6500	UJ	2700	U	2700	U	330	U		
2,6-Dinitrotoluene	6500	UJ	2700	U	2700	U	330	U		
Acenaphthylene	6500	UJ	2700	U	2700	U	330	U		
3-Nitroaniline	16000	UJ	6700	U	6700	U	830	U		
Acenaphthene	6500	UJ	2700	U	2700	U	330	U		

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Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site LACLEDE STEEL
Lab CEIMIC
Reviewer :
Date :

Sample Number	E00J9RE		E00K0		E00K0RE		SBLKKO			
Sampling Location :	X208		X209		X209					
Matrix	Soil		Soil		Soil		Soil			
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg			
Date Sampled :	03/20/2002		03/20/2002		03/20/2002					
Time Sampled	13:00		13:45		13:45					
%Moisture :	50		39		39		N/A			
pH :	6.5		7.3		7.3					
Dilution Factor	10.0		5.0		5.0		1.0			
Semivolatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
2,4-Dinitrophenol	16000	UJ	6700	UJ	6700	UJ	830	UJ		
4-Nitrophenol	16000	UJ	6700	U	6700	U	830	U		
Dibenzofuran	6500	UJ	2700	U	2700	U	330	U		
2,4-Dinitrotoluene	6500	UJ	2700	U	2700	UJ	330	U		
Diethylphthalate	6500	UJ	2700	U	2700	U	330	U		
Fluorene	6500	UJ	2700	U	2700	U	330	U		
4-Chlorophenyl-phenyl ether	6500	UJ	2700	U	2700	U	330	U		
4-Nitroaniline	16000	UJ	6700	U	6700	U	830	U		
4,6-Dinitro-2-methylphenol	16000	UJ	6700	UJ	6700	UJ	830	UJ		
N-Nitrosodiphenylamine	6500	UJ	2700	U	2700	UJ	330	U		
4-Bromophenyl-phenyl ether	6500	UJ	2700	U	2700	UJ	330	U		
Hexachlorobenzene	6500	UJ	2700	U	2700	UJ	330	U		
Atrazine	6500	UJ	2700	U	2700	UJ	330	U		
Pentachlorophenol	16000	UJ	6700	U	6700	UJ	830	U		
Phenanthrene	4700	J	790	J	770	J	330	U		
Anthracene	860	J	2700	U	2700	UJ	330	U		
Carbazole	6500	UJ	2700	U	2700	UJ	330	U		
Di-n-butylphthalate	6500	UJ	2700	U	2700	UJ	330	U		
Fluoranthene	8600	J	2000	J	1800	J	330	U		
Pyrene	7900		930	J	1700	J	330	U		
Butylbenzylphthalate	6500	U	2700	UJ	2700	U	330	U		
3,3'-Dichlorobenzidine	6500	U	2700	UJ	2700	U	330	U		
Benzo(a)anthracene	3300	J	770	J	770	J	330	U		
Chrysene	4000	J	1100	J	1000	J	330	U		
bis(2-Ethylhexyl)phthalate	6500	U	2700	U	2700	U	100	J		
Di-n-octylphthalate	6500	U	2700	UJ	2700	U	330	U		
Benzo(b)fluoranthene	3800	J	1000	J	1200	J	330	U		
Benzo(k)fluoranthene	3700	J	950	J	1100	J	330	U		
Benzo(a)pyrene	3200	J	830	J	860	J	330	U		
Indeno(1,2,3-cd)pyrene	920	J	270	J	2700	U	330	U		
Dibenzo(a,h)anthracene	6500	U	2700	UJ	2700	U	330	U		
Benzo(g,h,i)perylene	690	J	2700	UJ	2700	U	330	U		

Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab CEIMIC
Reviewer :
Date :

Number of Soil Samples : 9
Number of Water Samples 0

Sample Number	E00J2		E00J3		E00J4		E00J4MS		E00J4MSD	
Sampling Location :	X201		X202		X203		X203		X203	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled	15:00		09:30		10:00		10:00		10:00	
%Moisture :	28		30		55		55		55	
pH	6.9		8.2		6.6		6.6		6.6	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	2.3	R	2.4	R	3.8	U	3.8	UJ	3.8	U
beta-BHC	2.3	R	2.4	R	3.8	U	3.8	UJ	3.8	U
delta-BHC	2.3	R	4.3	J	3.8	U	3.8	UJ	3.8	U
gamma-BHC (Lindane)	2.3	R	2.4	R	3.8	UJ	48	J	19	
Heptachlor	2.3	R	2.4	R	3.8	U	17	J	21	
Aldrin	2.3	R	2.4	R	3.8	UJ	7.7	J	12	
Heptachlor epoxide	2.3	R	2.4	R	3.8	U	3.8	UJ	3.8	U
Endosulfan I	2.3	R	2.4	R	3.8	U	3.8	UJ	3.8	U
Dieldrin	4.5	R	4.7	R	7.3	U	67	J	46	
4,4'-DDE	4.5	R	4.7	R	7.3	U	7.3	UJ	7.3	U
Endrin	4.5	R	4.7	R	7.3	U	57	J	43	
Endosulfan II	4.5	R	4.7	R	7.3	U	7.3	UJ	7.3	U
4,4'-DDD	4.5	R	4.7	R	7.3	U	7.3	UJ	7.3	U
Endosulfan sulfate	4.5	R	4.7	R	7.3	U	7.3	UJ	7.3	U
4,4'-DDT	4.5	R	4.7	R	7.3	U	59	J	51	
Methoxychlor	23	R	24	R	38	U	38	UJ	38	U
Endrin ketone	4.5	R	4.7	R	7.3	U	7.3	UJ	7.3	U
Endrin aldehyde	4.5	R	4.7	R	7.3	U	7.3	UJ	7.3	U
alpha-Chlordane	2.2	J	2.4	R	6.6		5.6	J	12	
gamma-Chlordane	2.3	R	2.4	R	3.8	U	3.8	UJ	3.8	U
Toxaphene	230	R	240	R	380	U	380	UJ	380	U
Aroclor-1016	45	R	47	R	73	U	73	UJ	73	U
Aroclor-1221	92	R	95	R	150	U	150	UJ	150	U
Aroclor-1232	45	R	47	R	73	U	73	UJ	73	U
Aroclor-1242	45	R	47	R	73	U	73	UJ	73	U
Aroclor-1248	45	R	47	R	73	U	73	UJ	73	U
Aroclor-1254	45	R	47	R	180		130	J	310	
Aroclor-1260	45	R	47	R	73	U	73	UJ	73	U

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Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site : LACLEDE STEEL
Lab : CEIMIC
Reviewer
Date

Sample Number :	E00J5		E00J6		E00J6DL		E00J7		E00J8	
Sampling Location :	X204		X205		X205		X206		X207	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	10:00		10:30		10:30		11:30		12:15	
%Moisture :	49		24		24		53		46	
pH	6.4		7.9		7.9		9.5		7.0	
Dilution Factor	1.0		1.0		10.0		1.0		1.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	3.3	U	2.2	U	22	U	3.6	U	3.1	U
beta-BHC	3.3	U	7.5		22	U	3.6	U	3.1	U
delta-BHC	3.3	U	2.2	U	22	U	3.6	U	3.1	U
gamma-BHC (Lindane)	3.3	U	2.2	U	22	U	3.6	U	3.1	U
Heptachlor	3.3	U	2.2	U	22	U	3.6	U	3.1	U
Aldrin	3.3	U	8.9		22	U	3.6	U	3.1	U
Heptachlor epoxide	3.3	U	2.2	U	22	U	3.6	U	3.1	U
Endosulfan I	3.3	U	2.2	U	22	U	3.6	U	3.1	U
Dieldrin	6.4	U	9.5		43	U	7.0	U	20	
4,4'-DDE	6.4	U	4.3	U	43	U	7.0	U	6.1	U
Endrin	6.4	U	4.3	U	43	U	7.0	U	6.1	U
Endosulfan II	3.5	J	4.3	U	43	U	7.0	U	150	
4,4'-DDD	6.4	U	4.3	U	43	U	9.6		6.1	U
Endosulfan sulfate	6.4	U	4.3	U	43	U	7.0	U	6.1	U
4,4'-DDT	6.4	U	4.3	U	43	U	7.0	U	6.1	U
Methoxychlor	33	U	22	U	220	U	36	U	31	U
Endrin ketone	6.4	U	4.3	U	43	U	7.0	U	7.0	
Endrin aldehyde	6.4	U	4.3	U	43	U	7.0	U	6.1	U
alpha-Chlordane	10		32		32	J	12		4.6	
gamma-Chlordane	3.3	U	8.4		22	U	4.9		3.1	U
Toxaphene	330	U	220	U	2200	U	360	U	310	U
Aroclor-1016	64	U	43	U	430	U	70	U	61	U
Aroclor-1221	130	U	88	U	880	U	140	U	120	U
Aroclor-1232	64	U	43	U	430	U	70	U	61	U
Aroclor-1242	64	U	43	U	430	U	70	U	61	U
Aroclor-1248	110		1100		1100	J	70	U	61	U
Aroclor-1254	240		750		770	J	160		61	U
Aroclor-1260	64	U	43	U	430	U	70	U	4800	

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Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site LACLEDE STEEL
Lab CEIMIC
Reviewer
Date

Sample Number	E00J8DL		E00J9		E00J9DL		E00K0		E00K0DL	
Sampling Location	X207		X208		X208		X209		X209	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Date Sampled	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled	12:15		13:00		13:00		13:45		13:45	
%Moisture	46		50		50		39		39	
pH	7.0		6.5		6.5		7.3		7.3	
Dilution Factor	10.0		1.0		10.0		10.0		100.0	
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	31	U	3.4	U	34	U	250	J	190	J
beta-BHC	31	U	5.8	J	34	U	560	J	540	J
delta-BHC	31	U	3.4	U	34	U	2300	J	1900	J
gamma-BHC (Lindane)	31	U	3.4	U	34	U	28	U	280	U
Heptachlor	31	U	4.6	J	34	U	28	U	280	U
Aldrin	31	U	3.4	U	34	U	28	U	280	U
Heptachlor epoxide	31	U	3.4	U	34	U	28	U	280	U
Endosulfan I	31	U	3.4	U	34	U	28	U	280	U
Dieldrin	61	U	38	J	65	U	54	U	540	U
4,4'-DDE	61	U	6.5	U	65	U	54	U	540	U
Endrin	61	U	6.5	U	65	U	54	U	540	U
Endosulfan II	160		12	J	65	U	54	U	540	U
4,4'-DDD	61	U	6.5	U	65	U	54	U	540	U
Endosulfan sulfate	61	U	6.5	U	65	U	54	U	540	U
4,4'-DDT	61	U	6.5	U	65	U	54	U	540	U
Methoxychlor	310	U	34	U	340	U	280	U	2800	U
Endrin ketone	61	U	6.5	U	65	U	54	U	540	U
Endrin aldehyde	140		6.5	U	65	U	54	U	540	U
alpha-Chlordane	31	U	100	J	140	J	14	J	280	U
gamma-Chlordane	31	U	35	J	45	J	16	J	280	U
Toxaphene	3100	U	340	U	3400	U	2800	U	28000	U
Aroclor-1016	610	U	65	U	650	U	540	U	5400	U
Aroclor-1221	1200	U	130	U	1300	U	1100	U	11000	U
Aroclor-1232	610	U	65	U	650	U	540	U	5400	U
Aroclor-1242	610	U	65	U	650	U	540	U	5400	U
Aroclor-1248	610	U	65	U	650	U	540	U	5400	U
Aroclor-1254	610	U	1900	J	3200	J	540	U	5400	U
Aroclor-1260	5800		65	U	650	U	540	U	5400	U

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Analytical Results (Qualified Data)

Case # 30305 SDG : E00J2
Site LACLEDE STEEL
Lab. : CEIMIC
Reviewer :
Date :

Sample Number	PBLK01									
Sampling Location :										
Matrix :	Soil									
Units	ug/Kg									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :										
Dilution Factor :	1.0									
Pesticide/PCB Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
alpha-BHC	1.7	U								
beta-BHC	1.7	U								
delta-BHC	1.7	U								
gamma-BHC (Lindane)	1.7	U								
Heptachlor	1.7	U								
Aldrin	1.7	U								
Heptachlor epoxide	1.7	U								
Endosulfan I	1.7	U								
Dieldrin	3.3	U								
4,4'-DDE	3.3	U								
Endrin	3.3	U								
Endosulfan II	3.3	U								
4,4'-DDD	3.3	U								
Endosulfan sulfate	3.3	U								
4,4'-DDT	3.3	U								
Methoxychlor	17	U								
Endrin ketone	3.3	U								
Endrin aldehyde	3.3	U								
alpha-Chlordane	1.7	U								
gamma-Chlordane	1.7	U								
Toxaphene	170	U								
Aroclor-1016	33	U								
Aroclor-1221	67	U								
Aroclor-1232	33	U								
Aroclor-1242	33	U								
Aroclor-1248	33	U								
Aroclor-1254	33	U								
Aroclor-1260	33	U								

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Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 4-18-02

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: LACLEDE STEEL (IL)

CASE NUMBER: 30305 SDG NUMBER: E00J2

Number and Type of Samples: 9 (SOIL)

Sample Numbers: E00J2-9, E00K0

Laboratory: CEIMIC Hrs for Review:

Following are our findings:

CC: Cecilia Moore
Region 5 TPO
Mail Code: SMF-4J

SAMPLE DELIVERY GROUP (SDG)
TRAFFIC REPORT (TR) COVERSHEET

Lab Name: Ceimic Corporation **Lab Code:** CEIMIC

Case No.: 30305 **Bid Lot:** A

Contract No: 68-W-99-066 **Full Sample Analysis Price:** $275.00

First Sample in SDG: E00J2 **Sample Receipt Date:** 3/23/2002

(Lowest EPA Sample Number in the first shipment of samples received under SDG.)

Last Sample in SDG: E00K0 **Sample Receipt Date:** 3/23/2002

(Highest EPA Sample Number in the last shipment of samples received under SDG.)

EPA Sample Numbers in the SDG (listed in alphanumeric order by date received)

1. E00J2	11.
2. E00J3	12.
3. E00J4 MS/MSD	13.
4. E00J5	14.
5. E00J6	15.
6. E00J7	16.
7. E00J8	17.
8. E00J9	18.
9. E00K0	19.
10.	20.

Note: There are a maximum of 20 field samples in an SDG.

Attach Traffic Reports to this form in alphanumeric order by date received.
(i.e. The order listed on this form)

Lacen Williams
Signature

4/8/02
Date

USEPA Contract Laboratory Program
Organic Traffic Report

Case No: 30305
DAS No:
SDG No: E00J2

L

Date Shipped: 3/22/02 Carrier Name: FedEx Airbill: 0706606445 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Date Received/Received by: 03/23/02 Matt Gaffell Lab Contract No: 68-190066 Unit Price: A Transfer To: Date Received/Received By: Lab Contract No: Price:	Sampler (Signature): [signature] Relinquished By: KWC Relinquished By: Relinquished By:	Date / Time: 3-22-02 / 1200 Date / Time: Date / Time:
		Received By: Matt Gaffell Received By: Received By:	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00J2	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37905 (Ice Only), 5-37907 (Ice Only), 5-37908 (Ice Only) (3)	X201	3/20/02 15:00	ME00J2	
E00J3	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37910 (Ice Only), 5-37911 (Ice Only), 5-37912 (Ice Only) (3)	X202	3/20/02 9:30	ME00J3	
E00J4	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37914 (Ice Only), 5-37915 (Ice Only), 5-37916 (Ice Only) (3)	X203	3/20/02 10:00	ME00J4	
E00J5	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37918 (Ice Only), 5-37919 (Ice Only), 5-37920 (Ice Only) (3)	X204	3/20/02 10:00	ME00J5	
E00J6	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37922 (Ice Only), 5-37923 (Ice Only), 5-37924 (Ice Only) (3)	X205	3/20/02 10:30	ME00J6	
E00J7	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37926 (Ice Only), 5-37927 (Ice Only), 5-37928 (Ice Only) (3)	X206	3/20/02 11:30	ME00J7	
E00J8	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37930 (Ice Only), 5-37931 (Ice Only), 5-37932 (Ice Only) (3)	X207	3/20/02 12:15	ME00J8	
E00J9	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37934 (Ice Only), 5-37935 (Ice Only), 5-37936 (Ice Only) (3)	X208	3/20/02 13:00	ME00J9	
E00K0	Sediment/ Ken Corkill	L/G	BNA/PEST (21), VOA (21)	5-37938 (Ice Only), 5-37939 (Ice Only), 5-37940 (Ice Only) (3)	X209	3/20/02 13:45	ME00K0	
~~E00K1~~	~~Sediment/ Ken Corkill~~	~~L/G~~	~~BNA/PEST (21), VOA (21)~~	~~5-37942 (Ice Only), 5-37943 (Ice Only), 5-37944 (Ice Only) (3)~~	~~X210~~	~~3/20/02~~	~~ME00K1~~	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: E00J4, E00J5, E00J8	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: 41893-4
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact?__ Shipment Iced?__

BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, VOA = CLP TCL Volatiles

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA 20191-3436 Phone: 703/264-9348 Fax: 703/264-9222

SDG Narrative

The enclosed data package is in response to USEPA, Region V, Case No. 30305, SDG No. E00J2, Contract No. 68-W-99-066. Under this SDG there are 11 VOA, 11 SVOA and 11 PEST/PCB analyses for 9 sediment samples which were received at Ceimic Corporation on March 23, 2002.

This data package includes the analyses for the following samples from SDG No. E00J2, all of which are billable:

(1)

EPA ID	Ceimic ID	Analyses
E00J2	020264-01	VOA, SVOA, PEST/PCB
E00J3	020264-02	VOA, SVOA, PEST/PCB
E00J4 MS/MSD	020264-03	VOA, SVOA, PEST/PCB
E00J5	020264-04	VOA, SVOA, PEST/PCB
E00J6	020264-05	VOA, SVOA, PEST/PCB
E00J7	020264-06	VOA, SVOA, PEST/PCB
E00J8	020264-07	VOA, SVOA, PEST/PCB
E00J9	020264-08	VOA, SVOA, PEST/PCB
E00K0	020264-09	VOA, SVOA, PEST/PCB

Sample Receipt

Cooler Temperatures upon receipt were 6°C.

(2) Instrumentation and Column Identification

The following instruments were used for the analyses:

GC/MS Analysis

A. VOA

MS12: HP5973 GC/MS,25 m, 0.20mm ID, 1um, DB-624 capillary column
OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)

B. SVOA

MS13: HP5973 GC/MS,30 m,25 mm ID, ZB-5 fused silica capillary column

C. PEST/PCB

AD6: HP5890II GC/MS,30 m, 0.53 mm ID, DB-5 megabore column, GC8

AD7: HP5890II GC/MS,30 m, 0.53 mm ID, RTX1701 megabore column, GC8

(3) Sample Information

An "x" qualifier is flagged by Target Thru-put 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. Manual integrations are performed on GC/MS and GC standards and samples when computer generated integration picks up only a portion of the chromatographic peak, due to software limitations. When manual integrations are required, these integrations are performed using sound defensible professional judgment, in order to report accurate data. Each manual integration is signed and dated, and reviewed by both the lab supervisor and the GC/MS Interpretation Specialist for GC/MS or the Organic Lab Manager for Pest/PCB.

A. VOA Fraction (Method CLP SOW OLM04.2)

The spike recoveries for samples E00J4MS (020264-03MS) and E00J4MSD (020264-03MSD) were low.

B. SVOA Fraction (Method CLP SOW OLM04.2)

The quantitation ion for bis-(2-chloroethyl)ether was changed to the secondary ion 63, rather than the primary ion 93, because there is interference with the ion 93 from aniline, which is present in the standard mix.

The following samples were analyzed at a dilution as a result of GC/FID screening and the color and viscosity of the extract:

EPA ID:	CEIMIC ID:	DILUTION:
E00J2	020264-01	1:5
E00J6	020264-05	1:5
E00J7	020264-06	1:10
E00J8	020264-07	1:
E00J9	020264-08	1:10
E00J9RE	020264-08RE	1:10
E00K0	020264-09	1:5
E00K0RE	020264-09RE	1:5

The following samples had high internal standard recoveries. The observation of this low recovery in the reanalysis of these samples confirms a matrix effect.

EPA ID:	CEIMIC ID
E00J9	020264-08
E00K0	020264-09

Sample E00J4 (020264-03) and the associated MS/MSD samples had high internal standard recoveries, confirming a matrix effect.

C. PEST/PCB Fraction (Method CLP SOW OLM04.2)

All samples were extracted and analyzed within their respective holding times.

The following samples contained target analytes at concentrations that exceeded the linearity range of the initial calibration. They were diluted and re-analyzed:

Sample	Dilution Factor
E00J6	10
E00J8	10
E00J9	10
E00K0	100

The following samples showed low surrogate recovery:

Sample	%TCX 1	%TCX 2	%DCB 1	%DCB 2
E00J3	7	12	27	8
E00J2	3	3	27	4
E00J4MS	13	17		23

Sample E00J9 showed high DCB recovery on the DB5 column (265%), due to co-elution with the sample matrix.

The following values were outside the QC-limits in E00J4MS/MSD:

Spike Compound	%Rec. MS	%Rec. MSD	RPD
Gamma-BHC	130		87
Aldrin	21	32	27

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/her designee, as verified by the following signature.

Alfred Kwolek, GC/MS Specialist

4/17/02

Date

ALKANE NARRATIVE REPORT
Report date : 04/11/2002
SDG: E00J2

Client Sample ID: E00J4 Lab Sample ID: 020264-03 File ID: K1932

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	14.73	230	J
Unknown Straight-Chain Alkane	16.05	1300	J
Unknown Straight-Chain Alkane	17.87	1600	J

Client Sample ID: E00J9 Lab Sample ID: 020264-08 File ID: K1939

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	16.06	3400	J
Unknown Straight-Chain Alkane	17.88	5300	J

Client Sample ID: E00J2 Lab Sample ID: 020264-01 File ID: K1943

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	12.12	580	J
Unknown Straight-Chain Alkane	13.29	1400	J

Client Sample ID: E00J5 Lab Sample ID: 020264-04 File ID: K1945

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	13.73	150	J
Unknown Straight-Chain Alkane	14.74	530	J
Unknown Straight-Chain Alkane	16.07	2200	J
Unknown Straight-Chain Alkane	17.88	1500	J

Client Sample ID: E00J7 Lab Sample ID: 020264-06 File ID: K1948

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	11.74	170	J
Unknown Straight-Chain Alkane	13.28	1200	J
Unknown Straight-Chain Alkane	13.72	490	J
Unknown Straight-Chain Alkane	14.72	320	J
Unknown Straight-Chain Alkane	16.04	830	J

Client Sample ID: E00J8 Lab Sample ID: 020264-07 File ID: K1949

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	16.06	1800	J
Unknown Straight-Chain Alkane	17.89	2400	J

Client Sample ID: E00J9RE Lab Sample ID: 020264-08RE File ID: K1950

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	13.30	3000	J
Unknown Straight-Chain Alkane	16.06	21000	J
Unknown Straight-Chain Alkane	17.88	6500	J

Client Sample ID: E00K0RE Lab Sample ID: 020264-09RE File ID: K1951

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	16.06	1200	J

ALKANE NARRATIVE REPORT
Report date : 04/16/2002
SDG: E00J2

Client Sample ID: E00J2 Lab Sample ID: 020264-01 File ID: LI522

Compound	RT	Est. Conc.	Q
Straight-chain Alkane	11.89	15	J

Client Sample ID: E00J3 Lab Sample ID: 020264-02 File ID: LI523

Compound	RT	Est. Conc.	Q
Straight-chain Alkane	11.89	12	J

Client Sample ID: E00J4 Lab Sample ID: 020264-03 File ID: LI524

Compound	RT	Est. Conc.	Q
Straight-chain Alkane	11.89	11	J

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLKLA	98	86	100		0
02	E00J2	104	87	103		0
03	E00J3	100	89	102		0
04	E00J4	100	87	103		0
05	E00J5	101	86	103		0
06	E00J6	100	83	100		0
07	E00J7	101	88	102		0
08	E00J8	100	82	100		0
09	E00J9	102	88	104		0
10	E00K0	101	87	106		0
11	E00J4MS	101	91	103		0
12	E00J4MSD	100	88	104		0
13	VBLKLG	108	96	104		0
14	VHBLK01	110	96	102		0
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		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

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix Spike - EPA Sample No.: E00J4 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	69	0.0	38	55*	59-172
Trichloroethene	69	0.0	35	51*	62-137
Benzene	69	0.0	42	61*	66-142
Toluene	69	0.0	37	54*	59-139
Chlorobenzene	69	0.0	30	43*	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	72	41	57*	4	22	59-172
Trichloroethene	72	36	50*	2	24	62-137
Benzene	72	44	61*	0	21	66-142
Toluene	72	37	51*	6	21	59-139
Chlorobenzene	72	30	42*	2	21	60-133

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

* Values outside of QC limits

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

COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKLA

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Lab File ID: LI518 Lab Sample ID: V120401-B2

Date Analyzed: 04/01/02 Time Analyzed: 1343

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MS12

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00J2	020264-01	LI522	1624
02	E00J3	020264-02	LI523	1700
03	E00J4	020264-03	LI524	1737
04	E00J5	020264-04	LI525	1813
05	E00J6	020264-05	LI526	1850
06	E00J7	020264-06	LI527	1926
07	E00J8	020264-07	LI528	2002
08	E00J9	020264-08	LI529	2038
09	E00K0	020264-09	LI530	2114
10	E00J4MS	020264-03MS	LI531	2150
11	E00J4MSD	020264-03MSD	LI532	2226
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COMMENTS:

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKLG

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Lab File ID: LI638 Lab Sample ID: V120410-B1

Date Analyzed: 04/10/02 Time Analyzed: 1003

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MS12

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK01	020264-21	LI640	1130
02				
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04				
05				
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J2

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-01

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI522

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 28 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	25	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	77	B
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	tert-Butyl Methyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

1B

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

E00J2

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-01

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI522

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 28 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

EPA SAMPLE NO.

E00J2

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LI522

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 28 Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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30.				

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

E00J3

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-02

Sample wt/vol: 5.2(g/mL) G Lab File ID: LI523

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 25 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	29	
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	81	B
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J3

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-02

Sample wt/vol: 5.2(g/mL) G Lab File ID: LI523

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 25 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

EPA SAMPLE NO.

E00J3

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-02

Sample wt/vol: 5.2 (g/mL) G Lab File ID: LI523

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 25 Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J4

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03

Sample wt/vol: 5.3(g/mL) G Lab File ID: LI524

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	97	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	80	B
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	tert-Butyl Methyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J4

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03

Sample wt/vol: 5.3(g/mL) G Lab File ID: LI524

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00J4

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03

Sample wt/vol: 5.3 (g/mL) G Lab File ID: LI524

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MS

Sample wt/vol: 5.3(g/mL) G Lab File ID: LI531

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	38	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	150	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	71	B
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	tert-Butyl Methyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	42	
107-06-2	1,2-Dichloroethane	14	U

1B

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

E00J4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MS

Sample wt/vol: 5.3(g/mL) G Lab File ID: LI531

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	35	
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	37	
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	30	
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MSD

Sample wt/vol: 5.1(g/mL) G Lab File ID: LI532

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	41	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	200	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	79	B
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	tert-Butyl Methyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	44	
107-06-2	1,2-Dichloroethane	14	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MSD

Sample wt/vol: 5.1(g/mL) G Lab File ID: LI532

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	36	
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	37	
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	30	
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J5

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-04

Sample wt/vol: 4.9(g/mL) G Lab File ID: LI525

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 33 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	15	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	40	
75-15-0	Carbon Disulfide	15	U
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	62	B
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	tert-Butyl Methyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	15	U
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	15	U
107-06-2	1,2-Dichloroethane	15	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J5

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-04

Sample wt/vol: 4.9(g/mL) G Lab File ID: LI525

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 33 Date Analyzed: 04/01/02

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

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

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

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J5

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-04

Sample wt/vol: 4.9 (g/mL) G Lab File ID: LI525

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 33 Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

E00J6

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05

Sample wt/vol: 4.9(g/mL) G Lab File ID: LI526

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 56 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	23	U
74-87-3	Chloromethane	23	U
75-01-4	Vinyl Chloride	23	U
74-83-9	Bromomethane	23	U
75-00-3	Chloroethane	23	U
75-69-4	Trichlorofluoromethane	23	U
75-35-4	1,1-Dichloroethene	23	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	23	U
67-64-1	Acetone	71	
75-15-0	Carbon Disulfide	23	U
79-20-9	Methyl Acetate	23	U
75-09-2	Methylene Chloride	100	B
156-60-5	trans-1,2-Dichloroethene	23	U
1634-04-4	tert-Butyl Methyl Ether	23	U
75-34-3	1,1-Dichloroethane	23	U
156-59-2	cis-1,2-Dichloroethene	23	U
78-93-3	2-Butanone	23	U
67-66-3	Chloroform	23	U
71-55-6	1,1,1-Trichloroethane	23	U
110-82-7	Cyclohexane	23	U
56-23-5	Carbon Tetrachloride	23	U
71-43-2	Benzene	23	U
107-06-2	1,2-Dichloroethane	23	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J6

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05

Sample wt/vol: 4.9(g/mL) G Lab File ID: LI526

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 56 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	23	U
108-87-2	Methylcyclohexane	23	U
78-87-5	1,2-Dichloropropane	23	U
75-27-4	Bromodichloromethane	23	U
10061-01-5	cis-1,3-Dichloropropene	23	U
108-10-1	4-Methyl-2-Pentanone	23	U
108-88-3	Toluene	23	U
10061-02-6	trans-1,3-Dichloropropene	23	U
79-00-5	1,1,2-Trichloroethane	23	U
127-18-4	Tetrachloroethene	23	U
591-78-6	2-Hexanone	23	U
124-48-1	Dibromochloromethane	23	U
106-93-4	1,2-Dibromoethane	23	U
108-90-7	Chlorobenzene	23	U
100-41-4	Ethylbenzene	23	U
1330-20-7	Xylene (Total)	23	U
100-42-5	Styrene	23	U
75-25-2	Bromoform	23	U
98-82-8	Isopropylbenzene	23	U
79-34-5	1,1,2,2-Tetrachloroethane	23	U
541-73-1	1,3-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
95-50-1	1,2-Dichlorobenzene	23	U
96-12-8	1,2-Dibromo-3-chloropropane	23	U
120-82-1	1,2,4-Trichlorobenzene	23	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00J6

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05

Sample wt/vol: 4.9 (g/mL) G Lab File ID: LI526

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 56 Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J7

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-06

Sample wt/vol: 5.2(g/mL) G Lab File ID: LI527

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 50 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	19	U
74-87-3	Chloromethane	19	U
75-01-4	Vinyl Chloride	19	U
74-83-9	Bromomethane	19	U
75-00-3	Chloroethane	19	U
75-69-4	Trichlorofluoromethane	19	U
75-35-4	1,1-Dichloroethene	19	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19	U
67-64-1	Acetone	170	
75-15-0	Carbon Disulfide	19	U
79-20-9	Methyl Acetate	19	U
75-09-2	Methylene Chloride	170	B
156-60-5	trans-1,2-Dichloroethene	19	U
1634-04-4	tert-Butyl Methyl Ether	19	U
75-34-3	1,1-Dichloroethane	19	U
156-59-2	cis-1,2-Dichloroethene	19	U
78-93-3	2-Butanone	19	U
67-66-3	Chloroform	19	U
71-55-6	1,1,1-Trichloroethane	19	U
110-82-7	Cyclohexane	19	U
56-23-5	Carbon Tetrachloride	19	U
71-43-2	Benzene	19	U
107-06-2	1,2-Dichloroethane	19	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J7

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: C20264-06

Sample wt/vol: 5.2(g/mL) G Lab File ID: LI527

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 50 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	19	U
108-87-2	Methylcyclohexane	19	U
78-87-5	1,2-Dichloropropane	19	U
75-27-4	Bromodichloromethane	19	U
10061-01-5	cis-1,3-Dichloropropene	19	U
108-10-1	4-Methyl-2-Pentanone	19	U
108-88-3	Toluene	5	J
10061-02-6	trans-1,3-Dichloropropene	19	U
79-00-5	1,1,2-Trichloroethane	19	U
127-18-4	Tetrachloroethene	19	U
591-78-6	2-Hexanone	19	U
124-48-1	Dibromochloromethane	19	U
106-93-4	1,2-Dibromoethane	19	U
108-90-7	Chlorobenzene	19	U
100-41-4	Ethylbenzene	19	U
1330-20-7	Xylene (Total)	19	U
100-42-5	Styrene	19	U
75-25-2	Bromoform	19	U
98-82-8	Isopropylbenzene	19	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U
541-73-1	1,3-Dichlorobenzene	19	U
106-46-7	1,4-Dichlorobenzene	19	U
95-50-1	1,2-Dichlorobenzene	19	U
96-12-8	1,2-Dibromo-3-chloropropane	19	U
120-82-1	1,2,4-Trichlorobenzene	19	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00J7

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-06

Sample wt/vol: 5.2 (g/mL) G Lab File ID: LI527

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 50 Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J8

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI528

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 70 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	33	U
74-87-3	Chloromethane	33	U
75-01-4	Vinyl Chloride	33	U
74-83-9	Bromomethane	33	U
75-00-3	Chloroethane	33	U
75-69-4	Trichlorofluoromethane	33	U
75-35-4	1,1-Dichloroethene	33	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	33	U
67-64-1	Acetone	210	
75-15-0	Carbon Disulfide	33	U
79-20-9	Methyl Acetate	33	U
75-09-2	Methylene Chloride	240	B
156-60-5	trans-1,2-Dichloroethene	33	U
1634-04-4	tert-Butyl Methyl Ether	33	U
75-34-3	1,1-Dichloroethane	33	U
156-59-2	cis-1,2-Dichloroethene	33	U
78-93-3	2-Butanone	33	U
67-66-3	Chloroform	33	U
71-55-6	1,1,1-Trichloroethane	33	U
110-82-7	Cyclohexane	33	U
56-23-5	Carbon Tetrachloride	33	U
71-43-2	Benzene	33	U
107-06-2	1,2-Dichloroethane	33	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J8

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI528

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 70 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	33	U
108-87-2	Methylcyclohexane	33	U
78-87-5	1,2-Dichloropropane	33	U
75-27-4	Bromodichloromethane	33	U
10061-01-5	cis-1,3-Dichloropropene	33	U
108-10-1	4-Methyl-2-Pentanone	33	U
108-88-3	Toluene	33	U
10061-02-6	trans-1,3-Dichloropropene	33	U
79-00-5	1,1,2-Trichloroethane	33	U
127-18-4	Tetrachloroethene	33	U
591-78-6	2-Hexanone	33	U
124-48-1	Dibromochloromethane	33	U
106-93-4	1,2-Dibromoethane	33	U
108-90-7	Chlorobenzene	33	U
100-41-4	Ethylbenzene	33	U
1330-20-7	Xylene (Total)	33	U
100-42-5	Styrene	33	U
75-25-2	Bromoform	33	U
98-82-8	Isopropylbenzene	33	U
79-34-5	1,1,2,2-Tetrachloroethane	33	U
541-73-1	1,3-Dichlorobenzene	33	U
106-46-7	1,4-Dichlorobenzene	33	U
95-50-1	1,2-Dichlorobenzene	33	U
96-12-8	1,2-Dibromo-3-chloropropane	33	U
120-82-1	1,2,4-Trichlorobenzene	33	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00J8

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LI528

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 70 Date Analyzed: 04/01/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J9

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08

Sample wt/vol: 5.1(g/mL) G Lab File ID: LI529

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 0 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	43	
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	31	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	17	
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J9

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08

Sample wt/vol: 5.1(g/mL) G Lab File ID: LI529

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 0 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	5	J
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.: E00J9

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08

Sample wt/vol: 5.1 (g/mL) G Lab File ID: LI529

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 0 Date Analyzed: 04/01/02

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

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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 624-92-0	DISULFIDE, DIMETHYL	17.07	120	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00K0

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09

Sample wt/vol: 5.3(g/mL) G Lab File ID: LI530

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	41	
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	39	B
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	tert-Butyl Methyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00K0

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09

Sample wt/vol: 5.3(g/mL) G Lab File ID: LI530

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00K0

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09

Sample wt/vol: 5.3 (g/mL) G Lab File ID: LI530

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: not dec. 32 Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-21

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI640

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

% Moisture: not dec. _____ Date Analyzed: 04/10/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	11	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-21

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI640

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

% Moisture: not dec. _____ Date Analyzed: 04/10/02

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

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

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

1F

EPA SAMPLE NO.

VHBLK01

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-21

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LI640

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

% Moisture: not dec. _____ Date Analyzed: 04/10/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLA

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: V120401-B2

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI518

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

% Moisture: not dec. _____ Date Analyzed: 04/01/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	19	
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKLA

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: V120401-B2

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI518

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

% Moisture: not dec. _____ Date Analyzed: 04/01/02

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

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

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLKLA

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: V120401-B2

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LI518

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

% Moisture: not dec. _____ Date Analyzed: 04/01/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKLG

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: V120410-B1

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI638

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

% Moisture: not dec. _____ Date Analyzed: 04/10/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	2	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	11	
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKLG

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: V120410-B1

Sample wt/vol: 5.0(g/mL) G Lab File ID: LI638

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

% Moisture: not dec. _____ Date Analyzed: 04/10/02

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

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

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLKLG

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: V120410-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LI638

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

% Moisture: not dec. _____ Date Analyzed: 04/10/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

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	SBLKKO	45	46	51	52	48	48	48	42	0
02	E00J4	62	68	54	69	69	84	67	54	0
03	E00J4MS	46	51	41	55	53	64	51	41	0
04	E00J4MSD	38	41	32	47	42	60	42	38	0
05	E00J9	48	55	33	57	55	55	55	42	0
06	E00K0	59	67	37	65	63	63	63	52	0
07	E00J2	43	57	74	60	51	63	51	43	0
08	E00J3	36	40	50	44	44	44	42	34	0
09	E00J5	53	63	75	73	79	79	69	50	0
10	E00J6	55	64	68	73	76	67	67	50	0
11	E00J7	37	43	60	52	54	27	48	37	0
12	E00J8	45	52	71	61	67	70	59	42	0
13	E00J9RE	45	55	61	63	65	57	57	45	0
14	E00K0RE	52	63	78	73	73	63	68	52	0
15										
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		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

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix Spike - EPA Sample No.: E00J4 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	5500	0.0	2800	51	26- 90
2-Chlorophenol	5500	0.0	2700	49	25-102
N-Nitroso-di-n-prop.(1)	3700	0.0	1700	46	41-126
4-Chloro-3-Methylphenol	5500	0.0	3300	60	26-103
Acenaphthene	3700	0.0	2000	54	31-137
4-Nitrophenol	5500	0.0	3400	62	11-114
2,4-Dinitrotoluene	3700	0.0	2200	59	28- 89
Pentachlorophenol	5500	0.0	340	6*	17-109
Pyrene	3700	430	1600	32*	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	5500	2500	45	13	35	26- 90
2-Chlorophenol	5500	2300	42	15	50	25-102
N-Nitroso-di-n-prop.(1)	3700	1500	41	11	38	41-126
4-Chloro-3-Methylphenol	5500	3200	58	3	33	26-103
Acenaphthene	3700	1800	49	10	19	31-137
4-Nitrophenol	5500	3500	64	3	50	11-114
2,4-Dinitrotoluene	3700	2100	57	3	47	28- 89
Pentachlorophenol	5500	920	17	96*	47	17-109
Pyrene	3700	1500	29*	10	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: 1 out of 9 outside limits
Spike Recovery: 3 out of 18 outside limits

COMMENTS: _____

SEMIVOLATILE METHOD BLANK SUMMARY

SBLKKO

Lab Name: CEIMIC CORP — Contract: 68-W-99-066

Lab Code: CEIMIC — Case No.: 30305 — SAS No.: — SDG No.: E00J2

Lab File ID: K1929 — Lab Sample ID: S0327-B3K

Instrument ID: MS11 — Date Extracted: 03/27/02

Matrix: (soil/water) SOIL — Date Analyzed: 04/09/02

Level: (low/med) LOW — Time Analyzed: 1310

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00J4	020264-03	K1932	04/09/02
02	E00J4MS	020264-03MS	K1933	04/09/02
03	E00J4MSD	020264-03MSD	K1934	04/09/02
04	E00J9	020264-08	K1939	04/09/02
05	E00K0	020264-09	K1940	04/09/02
06	E00J2	020264-01	K1943	04/10/02
07	E00J3	020264-02	K1944	04/10/02
08	E00J5	020264-04	K1945	04/10/02
09	E00J6	020264-05	K1946	04/10/02
10	E00J7	020264-06	K1948	04/10/02
11	E00J8	020264-07	K1949	04/10/02
12	E00J9RE	020264-08RE	K1950	04/10/02
13	E00K0RE	020264-09RE	K1951	04/10/02
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COMMENTS:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J2

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-01

Sample wt/vol: 30.0(g/mL) G Lab File ID: K1943

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 28 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2300	U
108-95-2	Phenol	2300	U
111-44-4	bis(-2-Chloroethyl)Ether	2300	U
95-57-8	2-Chlorophenol	2300	U
95-48-7	2-Methylphenol	2300	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2300	U
98-86-2	Acetophenone	2300	U
106-44-5	4-Methylphenol	2300	U
621-64-7	N-Nitroso-di-n-propylamine	2300	U
67-72-1	Hexachloroethane	2300	U
98-95-3	Nitrobenzene	2300	U
78-59-1	Isophorone	2300	U
88-75-5	2-Nitrophenol	2300	U
105-67-9	2,4-Dimethylphenol	2300	U
111-91-1	bis(-2-Chloroethoxy)methane	2300	U
120-83-2	2,4-Dichlorophenol	2300	U
91-20-3	Naphthalene	2300	U
106-47-8	4-Chloroaniline	2300	U
87-68-3	Hexachlorobutadiene	2300	U
105-60-2	Caprolactam	2300	U
59-50-7	4-Chloro-3-Methylphenol	2300	U
91-57-6	2-Methylnaphthalene	250	J
77-47-4	Hexachlorocyclopentadiene	2300	U
88-06-2	2,4,6-Trichlorophenol	2300	U
95-95-4	2,4,5-Trichlorophenol	5700	U
92-52-4	1,1'-Biphenyl	2300	U
91-58-7	2-Chloronaphthalene	2300	U
88-74-4	2-Nitroaniline	5700	U
131-11-3	Dimethylphthalate	2300	U
606-20-2	2,6-Dinitrotoluene	2300	U
208-96-8	Acenaphthylene	2300	U
99-09-2	3-Nitroaniline	5700	U
83-32-9	Acenaphthene	2300	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J2

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-01

Sample wt/vol: 30.0(g/mL) G Lab File ID: K1943

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 28 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	5700	U
100-02-7	4-Nitrophenol	5700	U
132-64-9	Dibenzofuran	2300	U
121-14-2	2,4-Dinitrotoluene	2300	U
84-66-2	Diethylphthalate	2300	U
86-73-7	Fluorene	2300	U
7005-72-3	4-Chlorophenyl-phenylether	2300	U
100-01-6	4-Nitroaniline	5700	U
534-52-1	4,6-Dinitro-2-methylphenol	5700	U
86-30-6	N-nitrosodiphenylamine (1)	2300	U
101-55-3	4-Bromophenyl-phenylether	2300	U
118-74-1	Hexachlorobenzene	2300	U
1912-24-9	Atrazine	2300	U
87-86-5	Pentachlorophenol	5700	U
85-01-8	Phenanthrene	350	J
120-12-7	Anthracene	2300	U
86-74-8	Carbazole	2300	U
84-74-2	Di-n-butylphthalate	2300	U
206-44-0	Fluoranthene	590	J
129-00-0	Pyrene	560	J
85-68-7	Butylbenzylphthalate	2300	U
91-94-1	3,3'-Dichlorobenzidine	2300	U
56-55-3	Benzo(a)anthracene	330	J
218-01-9	Chrysene	380	J
117-81-7	bis(2-Ethylhexyl)phthalate	2300	U
117-84-0	Di-n-octylphthalate	2300	U
205-99-2	Benzo(b)fluoranthene	320	J
207-08-9	Benzo(k)fluoranthene	310	J
50-32-8	Benzo(a)pyrene	300	J
193-39-5	Indeno(1,2,3-cd)pyrene	2300	U
53-70-3	Dibenzo(a,h)anthracene	2300	U
191-24-2	Benzo(g,h,i)perylene	2300	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J2

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: K1943

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 28 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.9 Extraction: (Type) SONC

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.54	1500	JB
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J3

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-02

Sample wt/vol: 30.0(g/mL) G Lab File ID: K1944

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 30 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	470	U
108-95-2	Phenol	470	U
111-44-4	bis(-2-Chloroethyl)Ether	470	U
95-57-8	2-Chlorophenol	470	U
95-48-7	2-Methylphenol	470	U
108-60-1	2,2'-oxybis(1-Chloropropane)	470	U
98-86-2	Acetophenone	470	U
106-44-5	4-Methylphenol	470	U
621-64-7	N-Nitroso-di-n-propylamine	470	U
67-72-1	Hexachloroethane	470	U
98-95-3	Nitrobenzene	470	U
78-59-1	Isophorone	470	U
88-75-5	2-Nitrophenol	470	U
105-67-9	2,4-Dimethylphenol	470	U
111-91-1	bis(-2-Chloroethoxy)methane	470	U
120-83-2	2,4-Dichlorophenol	470	U
91-20-3	Naphthalene	470	U
106-47-8	4-Chloroaniline	470	U
87-68-3	Hexachlorobutadiene	470	U
105-60-2	Caprolactam	470	U
59-50-7	4-Chloro-3-Methylphenol	470	U
91-57-6	2-Methylnaphthalene	470	U
77-47-4	Hexachlorocyclopentadiene	470	U
88-06-2	2,4,6-Trichlorophenol	470	U
95-95-4	2,4,5-Trichlorophenol	1200	U
92-52-4	1,1'-Biphenyl	470	U
91-58-7	2-Chloronaphthalene	470	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	470	U
606-20-2	2,6-Dinitrotoluene	470	U
208-96-8	Acenaphthylene	470	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	470	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J3

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-02

Sample wt/vol: 30.0(g/mL) G Lab File ID: K1944

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 30 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	470	U
121-14-2	2,4-Dinitrotoluene	470	U
84-66-2	Diethylphthalate	470	U
86-73-7	Fluorene	470	U
7005-72-3	4-Chlorophenyl-phenylether	470	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-nitrosodiphenylamine (1)	470	U
101-55-3	4-Bromophenyl-phenylether	470	U
118-74-1	Hexachlorobenzene	470	U
1912-24-9	Atrazine	470	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	470	U
120-12-7	Anthracene	470	U
86-74-8	Carbazole	470	U
84-74-2	Di-n-butylphthalate	110	J
206-44-0	Fluoranthene	470	U
129-00-0	Pyrene	470	U
85-68-7	Butylbenzylphthalate	470	U
91-94-1	3,3'-Dichlorobenzidine	470	U
56-55-3	Benzo(a)anthracene	470	U
218-01-9	Chrysene	470	U
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	470	U
205-99-2	Benzo(b)fluoranthene	470	U
207-08-9	Benzo(k)fluoranthene	470	U
50-32-8	Benzo(a)pyrene	470	U
193-39-5	Indeno(1,2,3-cd)pyrene	470	U
53-70-3	Dibenzo(a,h)anthracene	470	U
191-24-2	Benzo(g,h,i)perylene	470	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J3

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: K1944

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 30 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.53	1400	JB
2.	UNKNOWN	4.96	220	JB
3.	UNKNOWN	6.23	130	J
4.	UNKNOWN AMIDE	13.27	160	J
5.	UNKNOWN AMIDE	15.44	520	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J4

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1932

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 55 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	720	U
108-95-2	Phenol	720	U
111-44-4	bis(-2-Chloroethyl)Ether	720	U
95-57-8	2-Chlorophenol	720	U
95-48-7	2-Methylphenol	720	U
108-60-1	2,2'-oxybis(1-Chloropropane)	720	U
98-86-2	Acetophenone	720	U
106-44-5	4-Methylphenol	720	U
621-64-7	N-Nitroso-di-n-propylamine	720	U
67-72-1	Hexachloroethane	720	U
98-95-3	Nitrobenzene	720	U
78-59-1	Isophorone	720	U
88-75-5	2-Nitrophenol	720	U
105-67-9	2,4-Dimethylphenol	720	U
111-91-1	bis(-2-Chloroethoxy)methane	720	U
120-83-2	2,4-Dichlorophenol	720	U
91-20-3	Naphthalene	720	U
106-47-8	4-Chloroaniline	720	U
87-68-3	Hexachlorobutadiene	720	U
105-60-2	Caprolactam	720	U
59-50-7	4-Chloro-3-Methylphenol	720	U
91-57-6	2-Methylnaphthalene	720	U
77-47-4	Hexachlorocyclopentadiene	720	U
88-06-2	2,4,6-Trichlorophenol	720	U
95-95-4	2,4,5-Trichlorophenol	1800	U
92-52-4	1,1'-Biphenyl	720	U
91-58-7	2-Chloronaphthalene	720	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	720	U
606-20-2	2,6-Dinitrotoluene	720	U
208-96-8	Acenaphthylene	720	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	720	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J4

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1932

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 55 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	720	U
121-14-2	2,4-Dinitrotoluene	720	U
84-66-2	Diethylphthalate	720	U
86-73-7	Fluorene	720	U
7005-72-3	4-Chlorophenyl-phenylether	720	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-nitrosodiphenylamine (1)	720	U
101-55-3	4-Bromophenyl-phenylether	720	U
118-74-1	Hexachlorobenzene	720	U
1912-24-9	Atrazine	720	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	420	J
120-12-7	Anthracene	720	U
86-74-8	Carbazole	720	U
84-74-2	Di-n-butylphthalate	720	U
206-44-0	Fluoranthene	220	J
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	720	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	J
218-01-9	Chrysene	800	
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	720	U
205-99-2	Benzo(b)fluoranthene	320	J
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	340	J
193-39-5	Indeno(1,2,3-cd)pyrene	94	J
53-70-3	Dibenzo(a,h)anthracene	89	J
191-24-2	Benzo(g,h,i)perylene	170	J

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J4

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K1932

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 55 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.54	4300	JB
2.	UNKNOWN	4.96	550	JB
3.	UNKNOWN	5.08	370	J
4. 16587-52-3	DIBENZOTHIOPHENE, 3-METHYL-	11.59	220	NJ
5. 832-71-3	PHENANTHRENE, 3-METHYL-	11.72	440	NJ
6. 2381-21-7	PYRENE, 1-METHYL-	13.26	270	NJ
7. 239-35-0	BENZO[B]NAPHTHO[2,1-D]THIOPH	13.96	500	NJ
8. 24360-63-2	BENZO[B]NAPHTHO[2,3-D]THIOPH	14.61	210	NJ
9. 1705-84-6	TRIPHENYLENE, 2-METHYL-	15.02	280	NJ
10. 1705-84-6	TRIPHENYLENE, 2-METHYL-	15.11	280	NJ
11. 301-02-0	9-OCTADECENAMIDE, (Z)-	15.44	290	NJ
12. 7390-81-0	OXIRANE, HEXADECYL-	15.68	560	NJ
13. 661-19-8	1-DOCOSANOL	16.15	460	NJ
14. 198-55-0	PERYLENE	17.18	700	NJ
15.	UNKNOWN	18.24	720	J
16.	UNKNOWN STEROID	22.49	3000	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MS

Sample wt/vol: 30.2(g/mL) G Lab File ID: K1933

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 55 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	730	U
108-95-2	Phenol	2800	
111-44-4	bis(-2-Chloroethyl)Ether	730	U
95-57-8	2-Chlorophenol	2700	
95-48-7	2-Methylphenol	730	U
108-60-1	2,2'-oxybis(1-Chloropropane)	730	U
98-86-2	Acetophenone	730	U
106-44-5	4-Methylphenol	730	U
621-64-7	N-Nitroso-di-n-propylamine	1700	
67-72-1	Hexachloroethane	730	U
98-95-3	Nitrobenzene	730	U
78-59-1	Isophorone	730	U
88-75-5	2-Nitrophenol	730	U
105-67-9	2,4-Dimethylphenol	730	U
111-91-1	bis(-2-Chloroethoxy)methane	730	U
120-83-2	2,4-Dichlorophenol	730	U
91-20-3	Naphthalene	730	U
106-47-8	4-Chloroaniline	730	U
87-68-3	Hexachlorobutadiene	730	U
105-60-2	Caprolactam	730	U
59-50-7	4-Chloro-3-Methylphenol	3300	
91-57-6	2-Methylnaphthalene	730	U
77-47-4	Hexachlorocyclopentadiene	730	U
88-06-2	2,4,6-Trichlorophenol	730	U
95-95-4	2,4,5-Trichlorophenol	1800	U
92-52-4	1,1'-Biphenyl	730	U
91-58-7	2-Chloronaphthalene	730	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	730	U
606-20-2	2,6-Dinitrotoluene	730	U
208-96-8	Acenaphthylene	730	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	2000	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MS

Sample wt/vol: 30.2(g/mL) G Lab File ID: K1933

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 55 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	3400	
132-64-9	Dibenzofuran	730	U
121-14-2	2,4-Dinitrotoluene	2200	
84-66-2	Diethylphthalate	730	U
86-73-7	Fluorene	730	U
7005-72-3	4-Chlorophenyl-phenylether	730	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-nitrosodiphenylamine (1)	730	U
101-55-3	4-Bromophenyl-phenylether	730	U
118-74-1	Hexachlorobenzene	730	U
1912-24-9	Atrazine	730	U
87-86-5	Pentachlorophenol	340	J
85-01-8	Phenanthrene	430	J
120-12-7	Anthracene	730	U
86-74-8	Carbazole	730	U
84-74-2	Di-n-butylphthalate	730	U
206-44-0	Fluoranthene	200	J
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	730	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	320	J
218-01-9	Chrysene	730	
117-81-7	bis(2-Ethylhexyl)phthalate	260	JB
117-84-0	Di-n-octylphthalate	730	U
205-99-2	Benzo(b)fluoranthene	260	J
207-08-9	Benzo(k)fluoranthene	110	J
50-32-8	Benzo(a)pyrene	300	J
193-39-5	Indeno(1,2,3-cd)pyrene	83	J
53-70-3	Dibenzo(a,h)anthracene	730	U
191-24-2	Benzo(g,h,i)perylene	130	J

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MSD

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1934

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 55 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	720	U
108-95-2	Phenol	2500	
111-44-4	bis(-2-Chloroethyl)Ether	720	U
95-57-8	2-Chlorophenol	2300	
95-48-7	2-Methylphenol	720	U
108-60-1	2,2'-oxybis(1-Chloropropane)	720	U
98-86-2	Acetophenone	720	U
106-44-5	4-Methylphenol	720	U
621-64-7	N-Nitroso-di-n-propylamine	1500	
67-72-1	Hexachloroethane	720	U
98-95-3	Nitrobenzene	720	U
78-59-1	Isophorone	720	U
88-75-5	2-Nitrophenol	720	U
105-67-9	2,4-Dimethylphenol	720	U
111-91-1	bis(-2-Chloroethoxy)methane	720	U
120-83-2	2,4-Dichlorophenol	720	U
91-20-3	Naphthalene	720	U
106-47-8	4-Chloroaniline	720	U
87-68-3	Hexachlorobutadiene	720	U
105-60-2	Caprolactam	720	U
59-50-7	4-Chloro-3-Methylphenol	3200	
91-57-6	2-Methylnaphthalene	720	U
77-47-4	Hexachlorocyclopentadiene	720	U
88-06-2	2,4,6-Trichlorophenol	720	U
95-95-4	2,4,5-Trichlorophenol	1800	U
92-52-4	1,1'-Biphenyl	720	U
91-58-7	2-Chloronaphthalene	720	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	720	U
606-20-2	2,6-Dinitrotoluene	720	U
208-96-8	Acenaphthylene	720	U
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	1800	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MSD

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1934

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 55 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	3500	
132-64-9	Dibenzofuran	720	U
121-14-2	2,4-Dinitrotoluene	2100	
84-66-2	Diethylphthalate	720	U
86-73-7	Fluorene	720	U
7005-72-3	4-Chlorophenyl-phenylether	720	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-nitrosodiphenylamine (1)	720	U
101-55-3	4-Bromophenyl-phenylether	720	U
118-74-1	Hexachlorobenzene	720	U
1912-24-9	Atrazine	720	U
87-86-5	Pentachlorophenol	920	J
85-01-8	Phenanthrene	580	J
120-12-7	Anthracene	720	U
86-74-8	Carbazole	720	U
84-74-2	Di-n-butylphthalate	720	U
206-44-0	Fluoranthene	310	J
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	720	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	450	J
218-01-9	Chrysene	970	
117-81-7	bis(2-Ethylhexyl)phthalate	240	JB
117-84-0	Di-n-octylphthalate	720	U
205-99-2	Benzo(b)fluoranthene	380	J
207-08-9	Benzo(k)fluoranthene	140	J
50-32-8	Benzo(a)pyrene	420	J
193-39-5	Indeno(1,2,3-cd)pyrene	720	U
53-70-3	Dibenzo(a,h)anthracene	720	U
191-24-2	Benzo(g,h,i)perylene	120	J

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J5

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-04

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1945

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 49 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	640	U
108-95-2	Phenol	640	U
111-44-4	bis(-2-Chloroethyl)Ether	640	U
95-57-8	2-Chlorophenol	640	U
95-48-7	2-Methylphenol	640	U
108-60-1	2,2'-oxybis(1-Chloropropane)	640	U
98-86-2	Acetophenone	640	U
106-44-5	4-Methylphenol	640	U
621-64-7	N-Nitroso-di-n-propylamine	640	U
67-72-1	Hexachloroethane	640	U
98-95-3	Nitrobenzene	640	U
78-59-1	Isophorone	640	U
88-75-5	2-Nitrophenol	640	U
105-67-9	2,4-Dimethylphenol	640	U
111-91-1	bis(-2-Chloroethoxy)methane	640	U
120-83-2	2,4-Dichlorophenol	640	U
91-20-3	Naphthalene	640	U
106-47-8	4-Chloroaniline	640	U
87-68-3	Hexachlorobutadiene	640	U
105-60-2	Caprolactam	640	U
59-50-7	4-Chloro-3-Methylphenol	640	U
91-57-6	2-Methylnaphthalene	640	U
77-47-4	Hexachlorocyclopentadiene	640	U
88-06-2	2,4,6-Trichlorophenol	640	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	640	U
91-58-7	2-Chloronaphthalene	640	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	640	U
606-20-2	2,6-Dinitrotoluene	640	U
208-96-8	Acenaphthylene	640	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	640	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J5

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-04

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1945

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 49 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	640	U
121-14-2	2,4-Dinitrotoluene	640	U
84-66-2	Diethylphthalate	640	U
86-73-7	Fluorene	640	U
7005-72-3	4-Chlorophenyl-phenylether	640	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-nitrosodiphenylamine (1)	640	U
101-55-3	4-Bromophenyl-phenylether	640	U
118-74-1	Hexachlorobenzene	640	U
1912-24-9	Atrazine	640	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	480	J
120-12-7	Anthracene	640	U
86-74-8	Carbazole	640	U
84-74-2	Di-n-butylphthalate	640	U
206-44-0	Fluoranthene	240	J
129-00-0	Pyrene	630	J
85-68-7	Butylbenzylphthalate	640	U
91-94-1	3,3'-Dichlorobenzidine	640	U
56-55-3	Benzo(a)anthracene	390	J
218-01-9	Chrysene	860	
117-81-7	bis(2-Ethylhexyl)phthalate	730	B
117-84-0	Di-n-octylphthalate	640	U
205-99-2	Benzo(b)fluoranthene	400	J
207-08-9	Benzo(k)fluoranthene	160	J
50-32-8	Benzo(a)pyrene	370	J
193-39-5	Indeno(1,2,3-cd)pyrene	80	J
53-70-3	Dibenzo(a,h)anthracene	67	J
191-24-2	Benzo(g,h,i)perylene	130	J

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J5

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-04

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K1945

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 49 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

Number TICs found: 19

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.54	2300	JB
2.	UNKNOWN	4.96	370	JB
3.	UNKNOWN	6.25	270	J
4. 132-65-0	DIBENZOTHIOPHENE	11.02	130	NJ
5. 16587-52-3	DIBENZOTHIOPHENE, 3-METHYL-	11.51	150	NJ
6. 57-10-3	HEXADECANOIC ACID	11.59	350	NJ
7. 779-02-2	ANTHRACENE, 9-METHYL-	11.73	180	NJ
8.	UNKNOWN	12.06	140	J
9.	UNKNOWN	12.38	460	J
10. 3353-12-6	PYRENE, 4-METHYL-	13.27	270	NJ
11. 243-46-9	BENZO[B]NAPHTHO[2,3-D]THIOPH	13.98	580	NJ
12. 24360-63-2	BENZO[B]NAPHTHO[2,3-D]THIOPH	14.63	190	NJ
13. 2422-79-9	BENZ[A]ANTHRACENE, 12-METHYL	15.03	220	NJ
14. 3351-28-8	CHRYSENE, 1-METHYL-	15.12	180	NJ
15.	UNKNOWN AMIDE	15.45	160	J
16. 0-00-0	1-HEXACOSANAL	15.70	400	NJ
17. 629-95-9	1-EICOSANOL	16.17	560	NJ
18. 198-55-0	PERYLENE	17.20	700	NJ
19.	UNKNOWN STEROID	22.51	1900	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J6

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05

Sample wt/vol: 30.1(g/mL) G Lab File ID: K1946

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 24 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2200	U
108-95-2	Phenol	2200	U
111-44-4	bis(-2-Chloroethyl)Ether	2200	U
95-57-8	2-Chlorophenol	2200	U
95-48-7	2-Methylphenol	2200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2200	U
98-86-2	Acetophenone	2200	U
106-44-5	4-Methylphenol	2200	U
621-64-7	N-Nitroso-di-n-propylamine	2200	U
67-72-1	Hexachloroethane	2200	U
98-95-3	Nitrobenzene	2200	U
78-59-1	Isophorone	2200	U
88-75-5	2-Nitrophenol	2200	U
105-67-9	2,4-Dimethylphenol	2200	U
111-91-1	bis(-2-Chloroethoxy)methane	2200	U
120-83-2	2,4-Dichlorophenol	2200	U
91-20-3	Naphthalene	2200	U
106-47-8	4-Chloroaniline	2200	U
87-68-3	Hexachlorobutadiene	2200	U
105-60-2	Caprolactam	2200	U
59-50-7	4-Chloro-3-Methylphenol	2200	U
91-57-6	2-Methylnaphthalene	2200	U
77-47-4	Hexachlorocyclopentadiene	2200	U
88-06-2	2,4,6-Trichlorophenol	2200	U
95-95-4	2,4,5-Trichlorophenol	5400	U
92-52-4	1,1'-Biphenyl	2200	U
91-58-7	2-Chloronaphthalene	2200	U
88-74-4	2-Nitroaniline	5400	U
131-11-3	Dimethylphthalate	2200	U
606-20-2	2,6-Dinitrotoluene	2200	U
203-96-8	Acenaphthylene	2200	U
99-09-2	3-Nitroaniline	5400	U
83-32-9	Acenaphthene	2200	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J6

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05

Sample wt/vol: 30.1(g/mL) G Lab File ID: K1946

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 24 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	5400	U
100-02-7	4-Nitrophenol	5400	U
132-64-9	Dibenzofuran	2200	U
121-14-2	2,4-Dinitrotoluene	2200	U
84-66-2	Diethylphthalate	2200	U
86-73-7	Fluorene	2200	U
7005-72-3	4-Chlorophenyl-phenylether	2200	U
100-01-6	4-Nitroaniline	5400	U
534-52-1	4,6-Dinitro-2-methylphenol	5400	U
86-30-6	N-nitrosodiphenylamine (1)	2200	U
101-55-3	4-Bromophenyl-phenylether	2200	U
118-74-1	Hexachlorobenzene	2200	U
1912-24-9	Atrazine	2200	U
87-86-5	Pentachlorophenol	5400	U
85-01-8	Phenanthrene	260	J
120-12-7	Anthracene	2200	U
86-74-8	Carbazole	2200	U
84-74-2	Di-n-butylphthalate	2200	U
206-44-0	Fluoranthene	230	J
129-00-0	Pyrene	260	J
85-68-7	Butylbenzylphthalate	2200	U
91-94-1	3,3'-Dichlorobenzidine	2200	U
56-55-3	Benzo(a)anthracene	2200	U
218-01-9	Chrysene	2200	U
117-81-7	bis(2-Ethylhexyl)phthalate	480	JB
117-84-0	Di-n-octylphthalate	2200	U
205-99-2	Benzo(b)fluoranthene	2200	U
207-08-9	Benzo(k)fluoranthene	2200	U
50-32-8	Benzo(a)pyrene	2200	U
193-39-5	Indeno(1,2,3-cd)pyrene	2200	U
53-70-3	Dibenzo(a,h)anthracene	2200	U
191-24-2	Benzo(g,h,i)perylene	2200	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J6

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05

Sample wt/vol: 30.1 (g/mL) G Lab File ID: K1946

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 24 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.54	2400	JB
2. 1058-61-3	STIGMAST-4-EN-3-ONE	12.03	2300	NJ
3.	UNKNOWN AMIDE	15.43	550	J
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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J7

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-06

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1948

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 53 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	690	U
108-95-2	Phenol	690	U
111-44-4	bis(-2-Chloroethyl)Ether	690	U
95-57-8	2-Chlorophenol	690	U
95-48-7	2-Methylphenol	690	U
108-60-1	2,2'-oxybis(1-Chloropropane)	690	U
98-86-2	Acetophenone	690	U
106-44-5	4-Methylphenol	690	U
621-64-7	N-Nitroso-di-n-propylamine	690	U
67-72-1	Hexachloroethane	690	U
98-95-3	Nitrobenzene	690	U
78-59-1	Isophorone	690	U
88-75-5	2-Nitrophenol	690	U
105-67-9	2,4-Dimethylphenol	690	U
111-91-1	bis(-2-Chloroethoxy)methane	690	U
120-83-2	2,4-Dichlorophenol	690	U
91-20-3	Naphthalene	690	U
106-47-8	4-Chloroaniline	690	U
87-68-3	Hexachlorobutadiene	690	U
105-60-2	Caprolactam	690	U
59-50-7	4-Chloro-3-Methylphenol	690	U
91-57-6	2-Methylnaphthalene	690	U
77-47-4	Hexachlorocyclopentadiene	690	U
88-06-2	2,4,6-Trichlorophenol	690	U
95-95-4	2,4,5-Trichlorophenol	1700	U
92-52-4	1,1'-Biphenyl	690	U
91-58-7	2-Chloronaphthalene	690	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	690	U
606-20-2	2,6-Dinitrotoluene	690	U
208-96-8	Acenaphthylene	690	U
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	690	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J7

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-06

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1948

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 53 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	690	U
121-14-2	2,4-Dinitrotoluene	690	U
84-66-2	Diethylphthalate	690	U
86-73-7	Fluorene	690	U
7005-72-3	4-Chlorophenyl-phenylether	690	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-nitrosodiphenylamine (1)	690	U
101-55-3	4-Bromophenyl-phenylether	690	U
118-74-1	Hexachlorobenzene	690	U
1912-24-9	Atrazine	690	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	73	J
120-12-7	Anthracene	690	U
86-74-8	Carbazole	690	U
84-74-2	Di-n-butylphthalate	690	U
206-44-0	Fluoranthene	170	J
129-00-0	Pyrene	160	J
85-68-7	Butylbenzylphthalate	690	U
91-94-1	3,3'-Dichlorobenzidine	690	U
56-55-3	Benzo(a)anthracene	690	U
218-01-9	Chrysene	110	J
117-81-7	bis(2-Ethylhexyl)phthalate	320	JB
117-84-0	Di-n-octylphthalate	690	U
205-99-2	Benzo(b)fluoranthene	110	J
207-08-9	Benzo(k)fluoranthene	95	J
50-32-8	Benzo(a)pyrene	690	U
193-39-5	Indeno(1,2,3-cd)pyrene	690	U
53-70-3	Dibenzo(a,h)anthracene	690	U
191-24-2	Benzo(g,h,i)perylene	690	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J7

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-06

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K1948

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 53 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.53	2500	JB
2.	UNKNOWN	4.95	260	JB
3.	UNKNOWN	10.97	180	J
4.	UNKNOWN	12.04	260	J
5. 7206-21-5	5-OCTADECENE, (E)-	12.10	630	NJ
6.	UNKNOWN AMIDE	15.43	350	J
7. 80-97-7	CHOLESTANOL	18.95	690	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J8

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07

Sample wt/vol: 30.1(g/mL) G Lab File ID: K1949

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 46 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	610	U
108-95-2	Phenol	610	U
111-44-4	bis(-2-Chloroethyl)Ether	610	U
95-57-8	2-Chlorophenol	610	U
95-48-7	2-Methylphenol	610	U
108-60-1	2,2'-oxybis(1-Chloropropane)	610	U
98-86-2	Acetophenone	610	U
106-44-5	4-Methylphenol	610	U
621-64-7	N-Nitroso-di-n-propylamine	610	U
67-72-1	Hexachloroethane	610	U
98-95-3	Nitrobenzene	610	U
78-59-1	Isophorone	610	U
88-75-5	2-Nitrophenol	610	U
105-67-9	2,4-Dimethylphenol	610	U
111-91-1	bis(-2-Chloroethoxy)methane	610	U
120-83-2	2,4-Dichlorophenol	610	U
91-20-3	Naphthalene	610	U
106-47-8	4-Chloroaniline	610	U
87-68-3	Hexachlorobutadiene	610	U
105-60-2	Caprolactam	610	U
59-50-7	4-Chloro-3-Methylphenol	610	U
91-57-6	2-Methylnaphthalene	610	U
77-47-4	Hexachlorocyclopentadiene	610	U
88-06-2	2,4,6-Trichlorophenol	610	U
95-95-4	2,4,5-Trichlorophenol	1500	U
92-52-4	1,1'-Biphenyl	610	U
91-58-7	2-Chloronaphthalene	610	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethylphthalate	610	U
606-20-2	2,6-Dinitrotoluene	610	U
208-96-8	Acenaphthylene	610	U
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	610	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J8

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07

Sample wt/vol: 30.1(g/mL) G Lab File ID: K1949

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 46 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	1500	U
132-64-9	Dibenzofuran	610	U
121-14-2	2,4-Dinitrotoluene	610	U
84-66-2	Diethylphthalate	610	U
86-73-7	Fluorene	610	U
7005-72-3	4-Chlorophenyl-phenylether	610	U
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	1500	U
86-30-6	N-nitrosodiphenylamine (1)	610	U
101-55-3	4-Bromophenyl-phenylether	610	U
118-74-1	Hexachlorobenzene	610	U
1912-24-9	Atrazine	610	U
87-86-5	Pentachlorophenol	1500	U
85-01-8	Phenanthrene	610	U
120-12-7	Anthracene	610	U
86-74-8	Carbazole	610	U
84-74-2	Di-n-butylphthalate	610	U
206-44-0	Fluoranthene	72	J
129-00-0	Pyrene	89	J
85-68-7	Butylbenzylphthalate	610	U
91-94-1	3,3'-Dichlorobenzidine	610	U
56-55-3	Benzo(a)anthracene	610	U
218-01-9	Chrysene	77	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	610	U
205-99-2	Benzo(b)fluoranthene	67	J
207-08-9	Benzo(k)fluoranthene	610	U
50-32-8	Benzo(a)pyrene	610	U
193-39-5	Indeno(1,2,3-cd)pyrene	610	U
53-70-3	Dibenzo(a,h)anthracene	610	U
191-24-2	Benzo(g,h,i)perylene	610	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J8

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07

Sample wt/vol: 30.1 (g/mL) G Lab File ID: K1949

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 46 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 14

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.55	3300	JB
2.		UNKNOWN	4.97	410	JB
3.		UNKNOWN	6.26	190	J
4.	57-10-3	HEXADECANOIC ACID	11.59	190	NJ
5.		UNKNOWN	12.04	120	J
6.	39485-83-1	1,1'-BIPHENYL, 2,2',4,4',6-P	12.55	140	NJ
7.	32774-16-6	1,1'-BIPHENYL, 3,3',4,4',5,5	13.13	250	NJ
8.	32774-16-6	1,1'-BIPHENYL, 3,3',4,4',5,5	13.32	290	NJ
9.	32774-16-6	1,1'-BIPHENYL, 3,3',4,4',5,5	13.63	300	NJ
10.	39635-31-9	1,1'-BIPHENYL, 2,3,3',4,4',5	14.79	180	NJ
11.	301-02-0	9-OCTADECENAMIDE, (Z)-	15.45	270	NJ
12.		UNKNOWN	15.71	200	J
13.	1454-34-8	1-NONADECANOL	16.17	220	NJ
14.		UNKNOWN STEROID	22.50	960	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J9

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1939

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 50 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	6500	U
108-95-2	Phenol	6500	U
111-44-4	bis(-2-Chloroethyl)Ether	6500	U
95-57-8	2-Chlorophenol	6500	U
95-48-7	2-Methylphenol	6500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6500	U
98-86-2	Acetophenone	6500	U
106-44-5	4-Methylphenol	780	J
621-64-7	N-Nitroso-di-n-propylamine	6500	U
67-72-1	Hexachloroethane	6500	U
98-95-3	Nitrobenzene	6500	U
78-59-1	Isophorone	6500	U
88-75-5	2-Nitrophenol	6500	U
105-67-9	2,4-Dimethylphenol	6500	U
111-91-1	bis(-2-Chloroethoxy)methane	6500	U
120-83-2	2,4-Dichlorophenol	6500	U
91-20-3	Naphthalene	6500	U
106-47-8	4-Chloroaniline	6500	U
87-68-3	Hexachlorobutadiene	6500	U
105-60-2	Caprolactam	6500	U
59-50-7	4-Chloro-3-Methylphenol	6500	U
91-57-6	2-Methylnaphthalene	6500	U
77-47-4	Hexachlorocyclopentadiene	6500	U
88-06-2	2,4,6-Trichlorophenol	6500	U
95-95-4	2,4,5-Trichlorophenol	16000	U
92-52-4	1,1'-Biphenyl	6500	U
91-58-7	2-Chloronaphthalene	6500	U
88-74-4	2-Nitroaniline	16000	U
131-11-3	Dimethylphthalate	6500	U
606-20-2	2,6-Dinitrotoluene	6500	U
208-96-8	Acenaphthylene	6500	U
99-09-2	3-Nitroaniline	16000	U
83-32-9	Acenaphthene	6500	U

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J9

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1939

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 50 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	16000	U
100-02-7	4-Nitrophenol	16000	U
132-64-9	Dibenzofuran	6500	U
121-14-2	2,4-Dinitrotoluene	6500	U
84-66-2	Diethylphthalate	6500	U
86-73-7	Fluorene	6500	U
7005-72-3	4-Chlorophenyl-phenylether	6500	U
100-01-6	4-Nitroaniline	16000	U
534-52-1	4,6-Dinitro-2-methylphenol	16000	U
86-30-6	N-nitrosodiphenylamine (1)	6500	U
101-55-3	4-Bromophenyl-phenylether	6500	U
118-74-1	Hexachlorobenzene	6500	U
1912-24-9	Atrazine	6500	U
87-86-5	Pentachlorophenol	16000	U
85-01-8	Phenanthrene	4900	J
120-12-7	Anthracene	960	J
86-74-8	Carbazole	670	J
84-74-2	Di-n-butylphthalate	6500	U
206-44-0	Fluoranthene	9400	
129-00-0	Pyrene	4500	J
85-68-7	Butylbenzylphthalate	6500	U
91-94-1	3,3'-Dichlorobenzidine	6500	U
56-55-3	Benzo(a)anthracene	3500	J
218-01-9	Chrysene	4300	J
117-81-7	bis(2-Ethylhexyl)phthalate	1500	JB
117-84-0	Di-n-octylphthalate	6500	U
205-99-2	Benzo(b)fluoranthene	3400	J
207-08-9	Benzo(k)fluoranthene	3200	J
50-32-8	Benzo(a)pyrene	3200	J
193-39-5	Indeno(1,2,3-cd)pyrene	930	J
53-70-3	Dibenzo(a,h)anthracene	6500	U
191-24-2	Benzo(g,h,i)perylene	700	J

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00J9

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K1939

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 50 Decanted: (Y/N) N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 11

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.55	3200	JB
2.	UNKNOWN	10.77	1800	J
3. 57-10-3	HEXADECANOIC ACID	11.59	7500	NJ
4.	UNKNOWN	12.05	5700	J
5. 112-80-1	OLEIC ACID	12.33	2400	NJ
6. 57-11-4	OCTADECANOIC ACID	12.39	3800	NJ
7.	UNKNOWN	14.73	13000	J
8. 198-55-0	PERYLENE	17.19	2200	NJ
9. 80-97-7	CHOLESTANOL	18.99	12000	NJ
10. 0-00-0	COPROSTAN-3-ONE	19.52	13000	NJ
11.	UNKNOWN STEROID	22.52	4400	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00J9RE

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08RE

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1950

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 50 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	6500	U
108-95-2	Phenol	6500	U
111-44-4	bis(-2-Chloroethyl)Ether	6500	U
95-57-8	2-Chlorophenol	6500	U
95-48-7	2-Methylphenol	6500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	6500	U
98-86-2	Acetophenone	6500	U
106-44-5	4-Methylphenol	900	J
621-64-7	N-Nitroso-di-n-propylamine	6500	U
67-72-1	Hexachloroethane	6500	U
98-95-3	Nitrobenzene	6500	U
78-59-1	Isophorone	6500	U
88-75-5	2-Nitrophenol	6500	U
105-67-9	2,4-Dimethylphenol	6500	U
111-91-1	bis(-2-Chloroethoxy)methane	6500	U
120-83-2	2,4-Dichlorophenol	6500	U
91-20-3	Naphthalene	6500	U
106-47-8	4-Chloroaniline	6500	U
87-68-3	Hexachlorobutadiene	6500	U
105-60-2	Caprolactam	6500	U
59-50-7	4-Chloro-3-Methylphenol	6500	U
91-57-6	2-Methylnaphthalene	6500	U
77-47-4	Hexachlorocyclopentadiene	6500	U
88-06-2	2,4,6-Trichlorophenol	6500	U
95-95-4	2,4,5-Trichlorophenol	16000	U
92-52-4	1,1'-Biphenyl	6500	U
91-58-7	2-Chloronaphthalene	6500	U
88-74-4	2-Nitroaniline	16000	U
131-11-3	Dimethylphthalate	6500	U
606-20-2	2,6-Dinitrotoluene	6500	U
208-96-8	Acenaphthylene	6500	U
99-09-2	3-Nitroaniline	16000	U
83-32-9	Acenaphthene	6500	U

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00J9RE

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08RE

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1950

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 50 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	16000	U
100-02-7	4-Nitrophenol	16000	U
132-64-9	Dibenzofuran	6500	U
121-14-2	2,4-Dinitrotoluene	6500	U
84-66-2	Diethylphthalate	6500	U
86-73-7	Fluorene	6500	U
7005-72-3	4-Chlorophenyl-phenylether	6500	U
100-01-6	4-Nitroaniline	16000	U
534-52-1	4,6-Dinitro-2-methylphenol	16000	U
86-30-6	N-nitrosodiphenylamine (1)	6500	U
101-55-3	4-Bromophenyl-phenylether	6500	U
118-74-1	Hexachlorobenzene	6500	U
1912-24-9	Atrazine	6500	U
87-86-5	Pentachlorophenol	16000	U
85-01-8	Phenanthrene	4700	J
120-12-7	Anthracene	860	J
86-74-8	Carbazole	6500	U
84-74-2	Di-n-butylphthalate	6500	U
206-44-0	Fluoranthene	8600	
129-00-0	Pyrene	7900	
85-68-7	Butylbenzylphthalate	6500	U
91-94-1	3,3'-Dichlorobenzidine	6500	U
56-55-3	Benzo(a)anthracene	3300	J
218-01-9	Chrysene	4000	J
117-81-7	bis(2-Ethylhexyl)phthalate	2100	JB
117-84-0	Di-n-octylphthalate	6500	U
205-99-2	Benzo(b)fluoranthene	3800	J
207-08-9	Benzo(k)fluoranthene	3700	J
50-32-8	Benzo(a)pyrene	3200	J
193-39-5	Indeno(1,2,3-cd)pyrene	920	J
53-70-3	Dibenzo(a,h)anthracene	6500	U
191-24-2	Benzo(g,h,i)perylene	690	J

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00J9RE

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08RE

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K1950

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 50 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 9

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.55	3700	JB
2.		UNKNOWN	10.77	1900	J
3.	57-10-3	HEXADECANOIC ACID	11.61	13000	NJ
4.	112-80-1	OLEIC ACID	12.34	4800	NJ
5.	57-11-4	OCTADECANOIC ACID	12.41	7100	NJ
6.	205-82-3	BENZO[J]FLUORANTHENE	17.19	2400	NJ
7.	80-97-7	CHOLESTANOL	18.99	12000	NJ
8.	0-00-0	COPROSTAN-3-ONE	19.53	13000	NJ
9.		UNKNOWN STEROID	22.53	3500	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00K0

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1940

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 39 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2700	U
108-95-2	Phenol	2700	U
111-44-4	bis(-2-Chloroethyl)Ether	2700	U
95-57-8	2-Chlorophenol	2700	U
95-48-7	2-Methylphenol	2700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2700	U
98-86-2	Acetophenone	2700	U
106-44-5	4-Methylphenol	2700	U
621-64-7	N-Nitroso-di-n-propylamine	2700	U
67-72-1	Hexachloroethane	2700	U
98-95-3	Nitrobenzene	2700	U
78-59-1	Isophorone	2700	U
88-75-5	2-Nitrophenol	2700	U
105-67-9	2,4-Dimethylphenol	2700	U
111-91-1	bis(-2-Chloroethoxy)methane	2700	U
120-83-2	2,4-Dichlorophenol	2700	U
91-20-3	Naphthalene	2700	U
106-47-8	4-Chloroaniline	2700	U
87-68-3	Hexachlorobutadiene	2700	U
105-60-2	Caprolactam	2700	U
59-50-7	4-Chloro-3-Methylphenol	2700	U
91-57-6	2-Methylnaphthalene	2700	U
77-47-4	Hexachlorocyclopentadiene	2700	U
88-06-2	2,4,6-Trichlorophenol	2700	U
95-95-4	2,4,5-Trichlorophenol	6700	U
92-52-4	1,1'-Biphenyl	2700	U
91-58-7	2-Chloronaphthalene	2700	U
88-74-4	2-Nitroaniline	6700	U
131-11-3	Dimethylphthalate	2700	U
606-20-2	2,6-Dinitrotoluene	2700	U
208-96-8	Acenaphthylene	2700	U
99-09-2	3-Nitroaniline	6700	U
83-32-9	Acenaphthene	2700	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00K0

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1940

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 39 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	6700	U
100-02-7	4-Nitrophenol	6700	U
132-64-9	Dibenzofuran	2700	U
121-14-2	2,4-Dinitrotoluene	2700	U
84-66-2	Diethylphthalate	2700	U
86-73-7	Fluorene	2700	U
7005-72-3	4-Chlorophenyl-phenylether	2700	U
100-01-6	4-Nitroaniline	6700	U
534-52-1	4,6-Dinitro-2-methylphenol	6700	U
86-30-6	N-nitrosodiphenylamine (1)	2700	U
101-55-3	4-Bromophenyl-phenylether	2700	U
118-74-1	Hexachlorobenzene	2700	U
1912-24-9	Atrazine	2700	U
87-86-5	Pentachlorophenol	6700	U
85-01-8	Phenanthrene	790	J
120-12-7	Anthracene	2700	U
86-74-8	Carbazole	2700	U
84-74-2	Di-n-butylphthalate	2700	U
206-44-0	Fluoranthene	2000	J
129-00-0	Pyrene	930	J
85-68-7	Butylbenzylphthalate	2700	U
91-94-1	3,3'-Dichlorobenzidine	2700	U
56-55-3	Benzo(a)anthracene	770	J
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	360	JB
117-84-0	Di-n-octylphthalate	2700	U
205-99-2	Benzo(b)fluoranthene	1000	J
207-08-9	Benzo(k)fluoranthene	950	J
50-32-8	Benzo(a)pyrene	830	J
193-39-5	Indeno(1,2,3-cd)pyrene	270	J
53-70-3	Dibenzo(a,h)anthracene	2700	U
191-24-2	Benzo(g,h,i)perylene	2700	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00K0

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K1940

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 39 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.3 Extraction: (Type) SONC

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.54	3100	JB
2.	UNKNOWN	11.68	820	J
3.	UNKNOWN	12.30	1700	J
4.	UNKNOWN AMIDE	15.44	570	J
5. 198-55-0	PERYLENE	17.18	690	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00K0RE

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09RE

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1951

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 39 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2700	U
108-95-2	Phenol	2700	U
111-44-4	bis(-2-Chloroethyl)Ether	2700	U
95-57-8	2-Chlorophenol	2700	U
95-48-7	2-Methylphenol	2700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2700	U
98-86-2	Acetophenone	2700	U
106-44-5	4-Methylphenol	2700	U
621-64-7	N-Nitroso-di-n-propylamine	2700	U
67-72-1	Hexachloroethane	2700	U
98-95-3	Nitrobenzene	2700	U
78-59-1	Isophorone	2700	U
88-75-5	2-Nitrophenol	2700	U
105-67-9	2,4-Dimethylphenol	2700	U
111-91-1	bis(-2-Chloroethoxy)methane	2700	U
120-83-2	2,4-Dichlorophenol	2700	U
91-20-3	Naphthalene	2700	U
106-47-8	4-Chloroaniline	2700	U
87-68-3	Hexachlorobutadiene	2700	U
105-60-2	Caprolactam	2700	U
59-50-7	4-Chloro-3-Methylphenol	2700	U
91-57-6	2-Methylnaphthalene	2700	U
77-47-4	Hexachlorocyclopentadiene	2700	U
88-06-2	2,4,6-Trichlorophenol	2700	U
95-95-4	2,4,5-Trichlorophenol	6700	U
92-52-4	1,1'-Biphenyl	2700	U
91-58-7	2-Chloronaphthalene	2700	U
88-74-4	2-Nitroaniline	6700	U
131-11-3	Dimethylphthalate	2700	U
606-20-2	2,6-Dinitrotoluene	2700	U
208-96-8	Acenaphthylene	2700	U
99-09-2	3-Nitroaniline	6700	U
83-32-9	Acenaphthene	2700	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E00K0RE

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09RE

Sample wt/vol: 30.4(g/mL) G Lab File ID: K1951

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 39 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	6700	U
100-02-7	4-Nitrophenol	6700	U
132-64-9	Dibenzofuran	2700	U
121-14-2	2,4-Dinitrotoluene	2700	U
84-66-2	Diethylphthalate	2700	U
86-73-7	Fluorene	2700	U
7005-72-3	4-Chlorophenyl-phenylether	2700	U
100-01-6	4-Nitroaniline	6700	U
534-52-1	4,6-Dinitro-2-methylphenol	6700	U
86-30-6	N-nitrosodiphenylamine (1)	2700	U
101-55-3	4-Bromophenyl-phenylether	2700	U
118-74-1	Hexachlorobenzene	2700	U
1912-24-9	Atrazine	2700	U
87-86-5	Pentachlorophenol	6700	U
85-01-8	Phenanthrene	770	J
120-12-7	Anthracene	2700	U
86-74-8	Carbazole	2700	U
84-74-2	Di-n-butylphthalate	2700	U
206-44-0	Fluoranthene	1800	J
129-00-0	Pyrene	1700	J
85-68-7	Butylbenzylphthalate	2700	U
91-94-1	3,3'-Dichlorobenzidine	2700	U
56-55-3	Benzo(a)anthracene	770	J
218-01-9	Chrysene	1000	J
117-81-7	bis(2-Ethylhexyl)phthalate	480	JB
117-84-0	Di-n-octylphthalate	2700	U
205-99-2	Benzo(b)fluoranthene	1200	J
207-08-9	Benzo(k)fluoranthene	1100	J
50-32-8	Benzo(a)pyrene	860	J
193-39-5	Indeno(1,2,3-cd)pyrene	2700	U
53-70-3	Dibenzo(a,h)anthracene	2700	U
191-24-2	Benzo(g,h,i)perylene	2700	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00K0RE

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09RE

Sample wt/vol: 30.4 (g/mL) G Lab File ID: K1951

Level: (low/med) LOW Date Received: 03/23/02

% Moisture: 39 Decanted: (Y/N) N Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/10/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.3 Extraction: (Type) SONC

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.55	3600	JB
2. 301-02-0	9-OCTADECENAMIDE, (Z)-	15.45	580	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLKKO

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: S0327-B3K

Sample wt/vol: 30.0(g/mL) G Lab File ID: K1929

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLKKO

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: S0327-B3K

Sample wt/vol: 30.0(g/mL) G Lab File ID: K1929

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	100	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SBLKKO

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: S0327-B3K

Sample wt/vol: 30.0 (g/mL) G Lab File ID: K1929

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:03/27/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/09/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.54	980	J
2.	UNKNOWN	4.96	130	J
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SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

GC Column(1):DB5 ID:0.53(mm) GC Column(2):RTX1701 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	73	85	100	108			0
02	E00J3	7*	12*	27*	8*			4
03	E00J5	46	54	108	100			0
04	E00J6DL	42	44	59	182D			0
05	E00J8DL	50	50	125	125			0
06	E00J9DL	50	69	423D	96			0
07	E00K0	95	73	3045D	336D			0
08	E00K0DL	73	64	4273D	105			0
09	E00J2	3*	3*	27*	4*			4
10	E00J4	45	48	83	97			0
11	E00J4MS	13*	17*	33	23*			3
12	E00J4MSD	47	50	107	133			0
13	E00J6	42	50	58	100			0
14	E00J7	39	57	57	36			0
15	E00J8	46	58	113	104			0
16	E00J9	42	50	265*	62			1
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

		QC LIMITS
S1 (TCX)	= Tetrachloro-m-xylene	(30-150)
S2 (DCB)	= Decachlorobiphenyl	(30-150)

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

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix Spike - EPA Sample No.: E00J4

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE AMOUNT (ng)	MS AMOUNT (ug/Kg)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	37	0.00	48	130*	46-127
Heptachlor	37	0.00	17	46	35-130
Aldrin	37	0.00	7.7	21*	34-132
Dieldrin	74	0.00	67	91	31-134
Endrin	74	0.00	57	77	42-139
4,4'-DDT	74	0.00	59	80	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD AMOUNT (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	37	19	51	87*	50	46-127
Heptachlor	37	21	57	21	31	35-130
Aldrin	37	12	32*	42	43	34-132
Dieldrin	74	46	62	38	38	31-134
Endrin	74	43	58	28	45	42-139
4,4'-DDT	74	51	69	15	50	23-134

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

* Values outside of QC limits

RPD: 1 out of 6 outside limits
Spike Recovery: 3 out of 12 outside limits

COMMENTS: _____

PESTICIDE METHOD BLANK SUMMARY

PBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Lab Sample ID: P0328-B3 Lab File ID: _____

Matrix (soil/water) SOIL Extraction: (Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 03/28/02

Date Analyzed (1): 04/11/02 Date Analyzed (2): 04/11/02

Time Analyzed (1): 0815 Time Analyzed (2): 0815

Instrument ID (1): GC8 Instrument ID (2): GC8

GC Column (1): DB5 ID: 0.53 (mm) GC Column (2): RTX1701 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	E00J3	020264-02	04/11/02	04/11/02
02	E00J5	020264-04	04/11/02	04/11/02
03	E00J6DL	020264-05DL	04/11/02	04/11/02
04	E00J8DL	020264-07DL	04/11/02	04/11/02
05	E00J9DL	020264-08DL	04/11/02	04/11/02
06	E00K0	020264-09	04/11/02	04/11/02
07	E00K0DL	020264-09DL	04/11/02	04/11/02
08	E00J2	020264-01	04/11/02	04/11/02
09	E00J4	020264-03	04/11/02	04/11/02
10	E00J4MS	020264-03MS	04/11/02	04/11/02
11	E00J4MSD	020264-03MSD	04/11/02	04/11/02
12	E00J6	020264-05	04/11/02	04/11/02
13	E00J7	020264-06	04/12/02	04/12/02
14	E00J8	020264-07	04/12/02	04/12/02
15	E00J9	020264-08	04/12/02	04/12/02
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J2

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-01

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

% Moisture: 28 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	2.3	U
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	4.5	U
72-55-9	4,4'-DDE	4.5	U
72-20-8	Endrin	4.5	U
33213-65-9	Endosulfan II	4.5	U
72-54-8	4,4'-DDD	4.5	U
1031-07-8	Endosulfan sulfate	4.5	U
50-29-3	4,4'-DDT	4.5	U
72-43-5	Methoxychlor	23	U
53494-70-5	Endrin ketone	4.5	U
7421-93-4	Endrin aldehyde	4.5	U
5103-71-9	alpha-Chlordane	2.2	J
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	45	U
11096-82-5	Aroclor-1260	45	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J3

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-02

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

% Moisture: 30 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.4	U
319-85-7	beta-BHC	2.4	U
319-86-8	delta-BHC	4.3	P
58-89-9	gamma-BHC (Lindane)	2.4	U
76-44-8	Heptachlor	2.4	U
309-00-2	Aldrin	2.4	U
1024-57-3	Heptachlor epoxide	2.4	U
959-98-8	Endosulfan I	2.4	U
60-57-1	Dieldrin	4.7	U
72-55-9	4,4'-DDE	4.7	U
72-20-8	Endrin	4.7	U
33213-65-9	Endosulfan II	4.7	U
72-54-8	4,4'-DDD	4.7	U
1031-07-8	Endosulfan sulfate	4.7	U
50-29-3	4,4'-DDT	4.7	U
72-43-5	Methoxychlor	24	U
53494-70-5	Endrin ketone	4.7	U
7421-93-4	Endrin aldehyde	4.7	U
5103-71-9	alpha-Chlordane	2.4	U
5103-74-2	gamma-Chlordane	2.4	U
8001-35-2	Toxaphene	240	U
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J4

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03

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

% Moisture: 55 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.8	U
319-85-7	beta-BHC	3.8	U
319-86-8	delta-BHC	3.8	U
58-89-9	gamma-BHC (Lindane)	3.8	U
76-44-8	Heptachlor	3.8	U
309-00-2	Aldrin	3.8	U
1024-57-3	Heptachlor epoxide	3.8	U
959-98-8	Endosulfan I	3.8	U
60-57-1	Dieldrin	7.3	U
72-55-9	4,4'-DDE	7.3	U
72-20-8	Endrin	7.3	U
33213-65-9	Endosulfan II	7.3	U
72-54-8	4,4'-DDD	7.3	U
1031-07-8	Endosulfan sulfate	7.3	U
50-29-3	4,4'-DDT	7.3	U
72-43-5	Methoxychlor	38	U
53494-70-5	Endrin ketone	7.3	U
7421-93-4	Endrin aldehyde	7.3	U
5103-71-9	alpha-Chlordane	6.6	P
5103-74-2	gamma-Chlordane	3.8	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	73	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	73	U
53469-21-9	Aroclor-1242	73	U
12672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	180	P
11096-82-5	Aroclor-1260	73	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MS

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

% Moisture: 55 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.8	U
319-85-7	beta-BHC	3.8	U
319-86-8	delta-BHC	3.8	U
58-89-9	gamma-BHC (Lindane)	48	
76-44-8	Heptachlor	17	
309-00-2	Aldrin	7.7	P
1024-57-3	Heptachlor epoxide	3.8	U
959-98-8	Endosulfan I	3.8	U
60-57-1	Dieldrin	67	
72-55-9	4,4'-DDE	7.3	U
72-20-8	Endrin	57	
33213-65-9	Endosulfan II	7.3	U
72-54-8	4,4'-DDD	7.3	U
1031-07-8	Endosulfan sulfate	7.3	U
50-29-3	4,4'-DDT	59	
72-43-5	Methoxychlor	38	U
53494-70-5	Endrin ketone	7.3	U
7421-93-4	Endrin aldehyde	7.3	U
5103-71-9	alpha-Chlordane	5.6	P
5103-74-2	gamma-Chlordane	3.8	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	73	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	73	U
53469-21-9	Aroclor-1242	73	U
12672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	130	
11096-82-5	Aroclor-1260	73	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-03MSD

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

% Moisture: 55 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.8	U
319-85-7	beta-BHC	3.8	U
319-86-8	delta-BHC	3.8	U
58-89-9	gamma-BHC (Lindane)	19	
76-44-8	Heptachlor	21	
309-00-2	Aldrin	12	P
1024-57-3	Heptachlor epoxide	3.8	U
959-98-8	Endosulfan I	3.8	U
60-57-1	Dieldrin	46	
72-55-9	4,4'-DDE	7.3	U
72-20-8	Endrin	43	P
33213-65-9	Endosulfan II	7.3	U
72-54-8	4,4'-DDD	7.3	U
1031-07-8	Endosulfan sulfate	7.3	U
50-29-3	4,4'-DDT	51	P
72-43-5	Methoxychlor	38	U
53494-70-5	Endrin ketone	7.3	U
7421-93-4	Endrin aldehyde	7.3	U
5103-71-9	alpha-Chlordane	12	P
5103-74-2	gamma-Chlordane	3.8	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	73	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	73	U
53469-21-9	Aroclor-1242	73	U
12672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	310	P
11096-82-5	Aroclor-1260	73	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J5

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-04

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

% Moisture: 49 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.3	U
319-85-7	beta-BHC	3.3	U
319-86-8	delta-BHC	3.3	U
58-89-9	gamma-BHC (Lindane)	3.3	U
76-44-8	Heptachlor	3.3	U
309-00-2	Aldrin	3.3	U
1024-57-3	Heptachlor epoxide	3.3	U
959-98-8	Endosulfan I	3.3	U
60-57-1	Dieldrin	6.4	U
72-55-9	4,4'-DDE	6.4	U
72-20-8	Endrin	6.4	U
33213-65-9	Endosulfan II	3.5	J
72-54-8	4,4'-DDD	6.4	U
1031-07-8	Endosulfan sulfate	6.4	U
50-29-3	4,4'-DDT	6.4	U
72-43-5	Methoxychlor	33	U
53494-70-5	Endrin ketone	6.4	U
7421-93-4	Endrin aldehyde	6.4	U
5103-71-9	alpha-Chlordane	10	P
5103-74-2	gamma-Chlordane	3.3	U
8001-35-2	Toxaphene	330	U
12674-11-2	Aroclor-1016	64	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	64	U
53469-21-9	Aroclor-1242	64	U
12672-29-6	Aroclor-1248	110	P
11097-69-1	Aroclor-1254	240	P
11096-82-5	Aroclor-1260	64	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J6

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05

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

% Moisture: 24 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	7.5	P
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	8.9	P
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	9.5	P
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	4.3	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	32	P
5103-74-2	gamma-Chlordane	8.4	P
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	1100	EP
11097-69-1	Aroclor-1254	750	EP
11096-82-5	Aroclor-1260	43	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J6DL

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-05DL

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

% Moisture: 24 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	22	U
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC (Lindane)	22	U
76-44-8	Heptachlor	22	U
309-00-2	Aldrin	22	U
1024-57-3	Heptachlor epoxide	22	U
959-98-8	Endosulfan I	22	U
60-57-1	Dieldrin	43	U
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	4,4'-DDD	43	U
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	43	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	43	U
7421-93-4	Endrin aldehyde	43	U
5103-71-9	alpha-Chlordane	32	DP
5103-74-2	gamma-Chlordane	22	U
8001-35-2	Toxaphene	2200	U
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	880	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	1100	DP
11097-69-1	Aroclor-1254	770	D
11096-82-5	Aroclor-1260	430	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J7

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-06

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

% Moisture: 53 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/12/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.6	U
319-85-7	beta-BHC	3.6	U
319-86-8	delta-BHC	3.6	U
58-89-9	gamma-BHC (Lindane)	3.6	U
76-44-8	Heptachlor	3.6	U
309-00-2	Aldrin	3.6	U
1024-57-3	Heptachlor epoxide	3.6	U
959-98-8	Endosulfan I	3.6	U
60-57-1	Dieldrin	7.0	U
72-55-9	4,4'-DDE	7.0	U
72-20-8	Endrin	7.0	U
33213-65-9	Endosulfan II	7.0	U
72-54-8	4,4'-DDD	9.6	
1031-07-8	Endosulfan sulfate	7.0	U
50-29-3	4,4'-DDT	7.0	U
72-43-5	Methoxychlor	36	U
53494-70-5	Endrin ketone	7.0	U
7421-93-4	Endrin aldehyde	7.0	U
5103-71-9	alpha-Chlordane	12	
5103-74-2	gamma-Chlordane	4.9	P
8001-35-2	Toxaphene	360	U
12674-11-2	Aroclor-1016	70	U
11104-28-2	Aroclor-1221	140	U
11141-16-5	Aroclor-1232	70	U
53469-21-9	Aroclor-1242	70	U
12672-29-6	Aroclor-1248	70	U
11097-69-1	Aroclor-1254	160	
11096-82-5	Aroclor-1260	70	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J8

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07

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

% Moisture: 46 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/12/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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	3.1	U
319-85-7	beta-BHC	3.1	U
319-86-8	delta-BHC	3.1	U
58-89-9	gamma-BHC (Lindane)	3.1	U
76-44-8	Heptachlor	3.1	U
309-00-2	Aldrin	3.1	U
1024-57-3	Heptachlor epoxide	3.1	U
959-98-8	Endosulfan I	3.1	U
60-57-1	Dieldrin	20	P
72-55-9	4,4'-DDE	6.1	U
72-20-8	Endrin	6.1	U
33213-65-9	Endosulfan II	150	EP
72-54-8	4,4'-DDD	6.1	U
1031-07-8	Endosulfan sulfate	6.1	U
50-29-3	4,4'-DDT	6.1	U
72-43-5	Methoxychlor	31	U
53494-70-5	Endrin ketone	7.0	P
7421-93-4	Endrin aldehyde	6.1	U
5103-71-9	alpha-Chlordane	4.6	
5103-74-2	gamma-Chlordane	3.1	U
8001-35-2	Toxaphene	310	U
12674-11-2	Aroclor-1016	61	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	61	U
53469-21-9	Aroclor-1242	61	U
12672-29-6	Aroclor-1248	61	U
11097-69-1	Aroclor-1254	61	U
11096-82-5	Aroclor-1260	4800	E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J8DL

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-07DL

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

% Moisture: 46 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

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	31	U
319-85-7	beta-BHC	31	U
319-86-8	delta-BHC	31	U
58-89-9	gamma-BHC (Lindane)	31	U
76-44-8	Heptachlor	31	U
309-00-2	Aldrin	31	U
1024-57-3	Heptachlor epoxide	31	U
959-98-8	Endosulfan I	31	U
60-57-1	Dieldrin	61	U
72-55-9	4,4'-DDE	61	U
72-20-8	Endrin	61	U
33213-65-9	Endosulfan II	160	DP
72-54-8	4,4'-DDD	61	U
1031-07-8	Endosulfan sulfate	61	U
50-29-3	4,4'-DDT	61	U
72-43-5	Methoxychlor	310	U
53494-70-5	Endrin ketone	61	U
7421-93-4	Endrin aldehyde	140	DP
5103-71-9	alpha-Chlordane	31	U
5103-74-2	gamma-Chlordane	31	U
8001-35-2	Toxaphene	3100	U
12674-11-2	Aroclor-1016	610	U
11104-28-2	Aroclor-1221	1200	U
11141-16-5	Aroclor-1232	610	U
53469-21-9	Aroclor-1242	610	U
12672-29-6	Aroclor-1248	610	U
11097-69-1	Aroclor-1254	610	U
11096-82-5	Aroclor-1260	5800	D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J9

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08

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

% Moisture: 50 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/12/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.4	U
319-85-7	beta-BHC	5.8	P
319-86-8	delta-BHC	3.4	U
58-89-9	gamma-BHC (Lindane)	3.4	U
76-44-8	Heptachlor	4.6	P
309-00-2	Aldrin	3.4	U
1024-57-3	Heptachlor epoxide	3.4	U
959-98-8	Endosulfan I	3.4	U
60-57-1	Dieldrin	38	P
72-55-9	4,4'-DDE	6.5	U
72-20-8	Endrin	6.5	U
33213-65-9	Endosulfan II	12	P
72-54-8	4,4'-DDD	6.5	U
1031-07-8	Endosulfan sulfate	6.5	U
50-29-3	4,4'-DDT	6.5	U
72-43-5	Methoxychlor	34	U
53494-70-5	Endrin ketone	6.5	U
7421-93-4	Endrin aldehyde	6.5	U
5103-71-9	alpha-Chlordane	100	EP
5103-74-2	gamma-Chlordane	35	P
8001-35-2	Toxaphene	340	U
12674-11-2	Aroclor-1016	65	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	65	U
53469-21-9	Aroclor-1242	65	U
12672-29-6	Aroclor-1248	65	U
11097-69-1	Aroclor-1254	1900	EP
11096-82-5	Aroclor-1260	65	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00J9DL

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-08DL

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

% Moisture: 50 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	34	U
319-85-7	beta-BHC	34	U
319-86-8	delta-BHC	34	U
58-89-9	gamma-BHC (Lindane)	34	U
76-44-8	Heptachlor	34	U
309-00-2	Aldrin	34	U
1024-57-3	Heptachlor epoxide	34	U
959-98-8	Endosulfan I	34	U
60-57-1	Dieldrin	65	U
72-55-9	4,4'-DDE	65	U
72-20-8	Endrin	65	U
33213-65-9	Endosulfan II	65	U
72-54-8	4,4'-DDD	65	U
1031-07-8	Endosulfan sulfate	65	U
50-29-3	4,4'-DDT	65	U
72-43-5	Methoxychlor	340	U
53494-70-5	Endrin ketone	65	U
7421-93-4	Endrin aldehyde	65	U
5103-71-9	alpha-Chlordane	140	DP
5103-74-2	gamma-Chlordane	45	DP
8001-35-2	Toxaphene	3400	U
12674-11-2	Aroclor-1016	650	U
11104-28-2	Aroclor-1221	1300	U
11141-16-5	Aroclor-1232	650	U
53469-21-9	Aroclor-1242	650	U
12672-29-6	Aroclor-1248	650	U
11097-69-1	Aroclor-1254	3200	D
11096-82-5	Aroclor-1260	650	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00K0

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09

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

% Moisture: 39 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	250	
319-85-7	beta-BHC	560	E
319-86-8	delta-BHC	2300	E
58-89-9	gamma-BHC (Lindane)	28	U
76-44-8	Heptachlor	28	U
309-00-2	Aldrin	28	U
1024-57-3	Heptachlor epoxide	28	U
959-98-8	Endosulfan I	28	U
60-57-1	Dieldrin	54	U
72-55-9	4,4'-DDE	54	U
72-20-8	Endrin	54	U
33213-65-9	Endosulfan II	54	U
72-54-8	4,4'-DDD	54	U
1031-07-8	Endosulfan sulfate	54	U
50-29-3	4,4'-DDT	54	U
72-43-5	Methoxychlor	280	U
53494-70-5	Endrin ketone	54	U
7421-93-4	Endrin aldehyde	54	U
5103-71-9	alpha-Chlordane	14	J
5103-74-2	gamma-Chlordane	16	J
8001-35-2	Toxaphene	2800	U
12674-11-2	Aroclor-1016	540	U
11104-28-2	Aroclor-1221	1100	U
11141-16-5	Aroclor-1232	540	U
53469-21-9	Aroclor-1242	540	U
12672-29-6	Aroclor-1248	540	U
11097-69-1	Aroclor-1254	540	U
11096-82-5	Aroclor-1260	540	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

E00K0DL

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: 020264-09DL

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

% Moisture: 39 Decanted: (Y/N) N Date Received: 03/23/02

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	190	DJ
319-85-7	beta-BHC	540	D
319-86-8	delta-BHC	1900	D
58-89-9	gamma-BHC (Lindane)	280	U
76-44-8	Heptachlor	280	U
309-00-2	Aldrin	280	U
1024-57-3	Heptachlor epoxide	280	U
959-98-8	Endosulfan I	280	U
60-57-1	Dieldrin	540	U
72-55-9	4,4'-DDE	540	U
72-20-8	Endrin	540	U
33213-65-9	Endosulfan II	540	U
72-54-8	4,4'-DDD	540	U
1031-07-8	Endosulfan sulfate	540	U
50-29-3	4,4'-DDT	540	U
72-43-5	Methoxychlor	2800	U
53494-70-5	Endrin ketone	540	U
7421-93-4	Endrin aldehyde	540	U
5103-71-9	alpha-Chlordane	280	U
5103-74-2	gamma-Chlordane	280	U
8001-35-2	Toxaphene	28000	U
12674-11-2	Aroclor-1016	5400	U
11104-28-2	Aroclor-1221	11000	U
11141-16-5	Aroclor-1232	5400	U
53469-21-9	Aroclor-1242	5400	U
12672-29-6	Aroclor-1248	5400	U
11097-69-1	Aroclor-1254	5400	U
11096-82-5	Aroclor-1260	5400	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

PBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-066

Lab Code: CEIMIC Case No.: 30305 SAS No.: SDG No.: E00J2

Matrix: (soil/water) SOIL Lab Sample ID: P0328-B3

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

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

Extraction: (Type) SONC Date Extracted: 03/28/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 04/11/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: ECOJ2 CERCLIS No: ILN000508283

Case No: 30305 Site Name/Location: LACLEDE STEEL

Contractor or EPA Lab: CEMIC Data User: IEPA

No. of Samples: 9 Date Sampled or Date Received: 4-18-02

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: 9 No. of samples received: 9

Received by: Ena M. Dixon/ESAT Date: 4-18-02

Received by LSSS: Ena M. Dixon/ESAT Date: 4-18-02

Review started: ____ Reviewer Signature: ____

Total time spent on review: ____ Date review completed: ____

Copied by: Ena M. Dixon/ESAT Date: 4-26-02

Mailed to user by: Ena M. Dixon/ESAT Date: 4-26-02

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

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. Date: ____

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: April 10, 2002

SUBJECT: Review of Data
Received for Review on April 5, 2002

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

The data in this case has not been validated.
We have compiled the CADRE files into a narrative format for the following case:

SITE NAME: Laclede Steel

CASE NUMBER: 30305 SDG NUMBER: ME00J2

Number and Type of Samples: 20 soils

Sample Numbers: ME00J2-7,9; ME00K0,2-9; ME00L0-3

Laboratory: Compuchem Hrs. for Review: 2

Following are our findings:

CC: Cecilia Moore
Region 5 TPO
Mail Code: SM-5J

RECEIVED
APR 1 5 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory: Compuchem

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

NUMBER (##) MATRIX samples numbered ##, were collected on DATE. The lab received the samples on DATE in good condition. All samples were analyze for metals and cyanide. All samples were analyzed using CLP SOW ILM04.1 analysis procedures.

Mercury analysis was performed using a Cold Vapor AA Technique. Cyanide analysis was performed using the MIDI Distillation procedure. The remaining inorganic analyses were performed using an Inductively Coupled Plasma-Atomic Emission Spectrometric procedure.

Assembled By: ESAT
Date: April 10, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory Compuchem

HOLDING TIME:

Holding Time Report

SDG NO: ME00J2

HOLDING TIME CRITERIA

Inorganic

	-- Holding Time --		------- pH -------	
	Primary	Expanded	Primary	Expanded
Metals	180	0	2.0	0.0
Mercury	28	0	2.0	0.0
Cyanide	14	0	12.0	0.0

LC-280: The following inorganic soil samples were reviewed for holding time violations using criteria developed for water samples.

ME00J2, ME00J3, ME00J4, ME00J4D, ME00J4S, ME00J5
ME00J6, ME00J7, ME00J9, ME00K0, ME00K2, ME00K3
ME00K4, ME00K5, ME00K6, ME00K7, ME00K8, ME00K9
ME00L0, ME00L1, ME00L2, ME00L3

2. CALIBRATIONS:

Calibration Report

SDG NO: ME00J2

CALIBRATION CRITERIA

Inorganic

Percent Recovery Limits

	--- Primary ---		-- Expanded ---	
	Low	High	Low	High
Cyanide	85.00	115.00	70.00	130.00
AA	90.00	110.00	75.00	125.00
ICP	90.00	110.00	75.00	125.00
Mercury	80.00	120.00	65.00	135.00

No problems found for this qualification.

Assembled By: ESAT
Date: April 10, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory: Compuchem

CRDL Standards Report

SDG NO: ME00J2

DC-173: The following inorganic samples are associated with a CRDL standard with low percent recovery.

Mercury
ME00J2, ME00J3, ME00J4, ME00J5, ME00J6, ME00J7
ME00J9, ME00K0, ME00K2, ME00K3, ME00K4, ME00K5
ME00K6, ME00K7, ME00K8, ME00K9, ME00L0, ME00L1
ME00L2, ME00L3, PBS04

Zinc
ME00J2, ME00J3, ME00J4, ME00J5, ME00J6, ME00J7
ME00J9, ME00K0, ME00K2, ME00K3, ME00K4, ME00K5
ME00K6, ME00K7, ME00K8, ME00K9, ME00L0, ME00L1
ME00L2, ME00L3, PBS02

3. BLANKS:

Laboratory Blanks Report

SDG NO: ME00J2

LABORATORY BLANKS CRITERIA

DC-283: The following inorganic samples are associated with a blank analyte with negative concentration whose absolute value is greater than the instrument detection limit (IDL). Professional judgement should be used to qualify the data.

ME00J2
Calcium, Cyanide

ME00J3
Calcium, Cyanide

ME00J4
Calcium, Cyanide

ME00J4D
Calcium, Cyanide

ME00J4S
Cyanide

ME00J5
Calcium, Cyanide

ME00J6
Calcium, Cyanide

ME00J7

Assembled By: ESAT
Date: April 10, 2002

Calcium, Cyanide

ME00J9
Calcium, Cyanide

ME00K0
Calcium, Cyanide

ME00K2
Calcium, Cyanide

ME00K3
Calcium, Cyanide

ME00K4
Calcium, Cyanide

ME00K5
Calcium, Cyanide

ME00K6
Calcium, Cyanide

ME00K7
Calcium, Cyanide

ME00K8
Calcium, Cyanide

ME00K9
Calcium, Cyanide

ME00L0
Calcium, Cyanide

ME00L1
Calcium, Cyanide

ME00L2
Calcium, Cyanide

ME00L3
Calcium, Cyanide

DC-284: The following inorganic samples are associated with a blank concentration which is greater than the instrument detection limit (IDL). The sample concentration is also greater than the IDL and less than five times the blank concentration. Hits are qualified "J"; non-detects are not flagged.

Antimony
ME00J4A, ME00K7, ME00L1, ME00L2, ME00L3

Beryllium
ME00J2, ME00J3, ME00J4, ME00J4D, ME00J5, ME00J6
ME00J7, ME00J9, ME00K0, ME00K3, ME00K4, ME00K6
ME00K7, ME00K8, ME00K9, ME00L0, ME00L1, ME00L2
ME00L3

Cadmium
ME00J6

Manganese
ME00J4A

Assembled By: ESAT
Date: April 10, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory: Compuchem

DC-338: During review of the following inorganic samples, the reported IDL/default CRDL value was used for cyanide.

ME00J2, ME00J3, ME00J4, ME00J4D, ME00J4S, ME00J5
ME00J6, ME00J7, ME00J9, ME00K0, ME00K2, ME00K3
ME00K4, ME00K5, ME00K6, ME00K7, ME00K8, ME00K9
ME00L0, ME00L1, ME00L2, ME00L3

4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND LAB CONTROL SAMPLE:

Matrix Spike Report

SDG NO: ME00J2

MATRIX SPIKE CRITERIA

Inorganic

Percent Recovery Limits

Upper	125.0
Lower	75.0
Extreme lower	30.0

DC-267: The following inorganic samples are associated with a matrix spike recovery which is high (>125%)
Hits are qualified "J" and non-detects are not flagged.

Manganese
ME00J2, ME00J3, ME00J4, ME00J4A, ME00J4D, ME00J5
ME00J6, ME00J7, ME00J9, ME00K0, ME00K2, ME00K3
ME00K4, ME00K5, ME00K6, ME00K7, ME00K8, ME00K9
ME00L0, ME00L1, ME00L2, ME00L3

DC-268: The following inorganic samples are associated with a matrix spike recovery which is low (30-74 %) indicating that sample results may be biased low.
Hits are qualified "J" and non-detects are qualified "UJ".

Antimony
ME00J2, ME00J3, ME00J4, ME00J4A, ME00J4D, ME00J5
ME00J6, ME00J7, ME00J9, ME00K0, ME00K2, ME00K3
ME00K4, ME00K5, ME00K6, ME00K7, ME00K8, ME00K9
ME00L0, ME00L1, ME00L2, ME00L3

Silver
ME00J2, ME00J3, ME00J4, ME00J4D, ME00J5, ME00J6
ME00J7, ME00J9, ME00K0, ME00K2, ME00K3, ME00K4
ME00K5, ME00K6, ME00K7, ME00K8, ME00K9, ME00L0
ME00L1, ME00L2, ME00L3

Thallium
ME00J2, ME00J3, ME00J4, ME00J4A, ME00J4D, ME00J5
ME00J6, ME00J7, ME00J9, ME00K0, ME00K2, ME00K3
ME00K4, ME00K5, ME00K6, ME00K7, ME00K8, ME00K9
ME00L0, ME00L1, ME00L2, ME00L3

Assembled By: ESAT
Date: April 10, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory: Compuchem

LCS Report

SDG NO: ME00J2

DC-331: The following inorganic soil samples are associated with a solid laboratory control sample (LCS) higher than the EPA control limit it are high, indicating a potential positive bias in the sample results. Hits are qualified "J", non-detects are acceptable.

Sodium
ME00J2, ME00J3, ME00J4, ME00J4D, ME00J5, ME00J6
ME00J7, ME00J9, ME00K0, ME00K2, ME00K3, ME00K4
ME00K5, ME00K6, ME00K7, ME00K8, ME00K9, ME00L0
ME00L1, ME00L2, ME00L3

5. LABORATORY AND FIELD DUPLICATE

Duplicates Report

SDG NO: ME00J2

DC-356: The following inorganic samples are associated with duplicate results which did not meet relative percent difference (RPD) criteria.
Hits are qualified "J" and non-detects are qualified "UJ".

Aluminum
ME00J2, ME00J3, ME00J4, ME00J5, ME00J6, ME00J7
ME00J9, ME00K0, ME00K2, ME00K3, ME00K4, ME00K5
ME00K6, ME00K7, ME00K8, ME00K9, ME00L0, ME00L1
ME00L2, ME00L3

Chromium
ME00J2, ME00J3, ME00J4, ME00J4S, ME00J5, ME00J6
ME00J7, ME00J9, ME00K0, ME00K2, ME00K3, ME00K4
ME00K5, ME00K6, ME00K7, ME00K8, ME00K9, ME00L0
ME00L1, ME00L2, ME00L3

Iron
ME00J2, ME00J3, ME00J4, ME00J5, ME00J6, ME00J7
ME00J9, ME00K0, ME00K2, ME00K3, ME00K4, ME00K5
ME00K6, ME00K7, ME00K8, ME00K9, ME00L0, ME00L1
ME00L2, ME00L3

Manganese
ME00J2, ME00J3, ME00J4, ME00J4S, ME00J5, ME00J6
ME00J7, ME00J9, ME00K0, ME00K2, ME00K3, ME00K4
ME00K5, ME00K6, ME00K7, ME00K8, ME00K9, ME00L0
ME00L1, ME00L2, ME00L3

Zinc
ME00J2, ME00J3, ME00J4, ME00J4S, ME00J5, ME00J6
ME00J7, ME00J9, ME00K0, ME00K2, ME00K3, ME00K4
ME00K5, ME00K6, ME00K7, ME00K8, ME00K9, ME00L0

Assembled By: ESAT
Date: April 10, 2002

ME00L1, ME00L2, ME00L3

DC-330: The following inorganic samples are associated with duplicate results which did not meet absolute difference criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Calcium
ME00J2, ME00J3, ME00J4, ME00J5, ME00J6, ME00J7
ME00J9, ME00K0, ME00K2, ME00K3, ME00K4, ME00K5
ME00K6, ME00K7, ME00K8, ME00K9, ME00L0, ME00L1
ME00L2, ME00L3

Vanadium
ME00J2, ME00J3, ME00J4, ME00J4S, ME00J5, ME00J6
ME00J7, ME00J9, ME00K0, ME00K2, ME00K3, ME00K4
ME00K5, ME00K6, ME00K7, ME00K8, ME00K9, ME00L0
ME00L1, ME00L2, ME00L3

6. ICP ANALYSIS

ICS Report

SDG NO: ME00J2

IC-307: The following inorganic samples have no associated ICS analyses. Manual review of the data is required.

ME00J2
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00J3
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00J4
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00J5
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00J6
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory Compuchem

Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00J7
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00J9
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K0
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K2
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K3
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K4
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K5
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K6
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K7
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

Assembled By: ESAT
Date: April 10, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory: Compuchem

ME00K8
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00K9
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00L0
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00L1
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00L2
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00L3
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

Serial Dilution Report

SDG NO: ME00J2

No problems found for this qualification.

7. GFAA ANALYSIS

Furnace AA QC Report

SDG NO: ME00J2

No problems found for this qualification.

Assembled By: ESAT
Date: April 10, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J2
Laboratory: Compuchem

SAMPLE RESULTS

All data, except those qualified above, are acceptable.

Sample Result Verification Report

SDG NO: ME00J2

No problems found for this qualification.

Assembled By: ESAT
Date: April 10, 2002

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The data are unusable. (The compound may or may not be present)

Analytical Results (Qualified Data)

Case # 30305 SDG : ME00J2
Site : LACLEDE STEEL
Lab. : LIBRTY
Reviewer :
Date :

Number of Soil Samples : 20
Number of Water Samples : 0

Sample Number :	ME00J2		ME00J3		ME00J4		ME00J5		ME00J6	
Sampling Location :	X201		X202		X203		X204		X205	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units .	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled .	03/20/2002		03/20/2002		03/20/2002		03/20/2002		03/20/2002	
Time Sampled :	15:00		09:30		10:00		10:00		10:30	
%Solids :	66.5		77.0		54.5		61.7		75.2	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	5330	J	2740	J	7320	J	6220	J	6080	J
ANTIMONY	0.45	UJ	0.38	UJ	0.81	J	0.92	J	0.39	UJ
ARSENIC	3.8		2.7		7.6		6.4		1.1	
BARIUM	92.6		51.5		151		132		107	
BERYLLIUM	0.47	J	0.25	J	0.63	J	0.57	J	0.51	J
CADMIUM	1.3		0.080	U	3.0		2.7		0.090	J
CALCIUM	58200	J	8670	J	5120	J	4240	J	4240	J
CHROMIUM	21.1	J	7.3	J	53.5	J	44.9	J	15.4	J
COBALT	4.3		3.6		5.2		4.2		5.3	
COPPER	31.1		11.7		83.3		70.4		13.8	
IRON	12600	J	6650	J	15900	J	13100	J	9290	J
LEAD	199		11.4		238		196		18.6	
MAGNESIUM	5940		2540		2160		1750		1940	
MANGANESE	505	J	319	J	193	J	173	J	333	J
MERCURY	0.12		0.060	U	0.10		0.12		0.060	U
NICKEL	15.1		8.0		26.2		22.4		15.1	
POTASSIUM	747		322		703		564		725	
SELENIUM	1.3		0.55		2.2		1.5		0.65	
SILVER	0.15	UJ	0.13	UJ	0.35	J	0.19	J	0.13	UJ
SODIUM	979	J	321	J	1400	J	1150	J	486	J
THALLIUM	0.89	UJ	0.76	UJ	1.1	UJ	0.96	UJ	0.78	UJ
VANADIUM	18.1	J	9.7	J	28.7	J	23.2	J	21.6	J
ZINC	199	J	35.2	J	687	J	608	J	68.8	J
CYANIDE	0.070		0.060		0.070	U	0.060	U	0.050	

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Analytical Results (Qualified Data)

Case #: 30305 SDG : ME00J2
Site : LACLEDE STEEL
Lab. : LIBRTY
Reviewer :
Date :

Sample Number :	ME00J7		ME00J9		ME00K0		ME00K2		ME00K3	
Sampling Location :	X206		X208		X209		X101		X102	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	03/20/2002		03/20/2002		03/20/2002		03/21/2002		03/21/2002	
Time Sampled :	11:30		13:00		13:45		16 40		14:50	
%Solids	39.4		65.3		64.6		73 0		73.4	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	2890	J	4700	J	4700	J	5490	J	4870	J
ANTIMONY	0.76	UJ	0.57	J	0.45	UJ	0.63	J	0.45	J
ARSENIC	3.5		4.5		4.7		6.6		53.0	
BARIUM	237		120		101		156		118	
BERYLLIUM	0.19	J	0.50	J	0.40	J	0.64		0.41	J
CADMIUM	1.2		3.1		1.3		1.3		1.5	
CALCIUM	297000	J	30500	J	31800	J	2640	J	3640	J
CHROMIUM	18.4	J	28.0	J	23.9	J	11.4	J	15.9	J
COBALT	1.3		5.4		5.3		7.6		6.0	
COPPER	29.1		56.7		68.2		36.8		48.9	
IRON	4690	J	13900	J	11700	J	19100	J	10500	J
LEAD	164		154		135		309		145	
MAGNESIUM	16600		4150		3970		1090		1390	
MANGANESE	330	J	375	J	331	J	997	J	927	J
MERCURY	0.13	U	0.18		0.12		0.12		0.19	
NICKEL	7.0		32.3		18.3		14.4		18.6	
POTASSIUM	599		633		527		964		854	
SELENIUM	1.2		1.2		1.0		1.6		1.1	
SILVER	0.25	UJ	1.8	J	0.15	UJ	0.14	UJ	0.63	J
SODIUM	2380	J	1040	J	1200	J	605	J	762	J
THALLIUM	1.5	UJ	0.89	UJ	0.90	UJ	0.82	UJ	0.80	UJ
VANADIUM	12.2	J	17.3	J	17.0	J	21.2	J	15.2	J
ZINC	414	J	523	J	590	J	252	J	400	J
CYANIDE	0.47		0.15		0.060	U	0.51		0.24	

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Analytical Results (Qualified Data)

Case # 30305 SDG : ME00J2
Site : LACLEDE STEEL
Lab : LIBRTY
Reviewer :
Date :

Sample Number	ME00K4		ME00K5		ME00K6		ME00K7		ME00K8	
Sampling Location :	X103		X104		X105		X106		X107	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	03/21/2002		03/21/2002		03/21/2002		03/21/2002		03/21/2002	
Time Sampled	15:00		15:05		15:15		15:20		15:25	
%Solids .	77.2		65.0		74.2		68.4		68.1	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	6050	J	8420	J	9810	J	5880	J	6870	J
ANTIMONY	0.38	UJ	2.0	J	0.40	UJ	0.64	J	0.42	UJ
ARSENIC	7.5		7.5		9.9		5.6		6.4	
BARIUM	120		203		157		121		120	
BERYLLIUM	0.40	J	0.67		0.69	J	0.41	J	0.56	J
CADMIUM	2.1		6.3		2.4		2.6		1.1	
CALCIUM	19800	J	8360	J	7880	J	3810	J	7420	J
CHROMIUM	16.5	J	78.5	J	25.5	J	23.0	J	17.4	J
COBALT	6.6		8.9		7.8		6.6		6.8	
COPPER	46.5		215		70.5		76.2		41.4	
IRON	15700	J	19600	J	20400	J	12500	J	15400	J
LEAD	74.9		737		173		182		79.8	
MAGNESIUM	11900		2570		2800		1430		3700	
MANGANESE	710	J	1680	J	776	J	866	J	633	J
MERCURY	0.050	U	0.35		0.10		0.10		0.070	U
NICKEL	21.7		47.4		28.1		21.6		20.9	
POTASSIUM	1120		1300		1390		991		1320	
SELENIUM	0.89		2.8		0.95		1.3		1.3	
SILVER	0.13	UJ	0.66	J	0.13	UJ	0.14	UJ	0.14	UJ
SODIUM	818	J	2600	J	1500	J	1410	J	610	J
THALLIUM	0.77	UJ	0.90	UJ	0.81	UJ	0.86	UJ	0.85	UJ
VANADIUM	20.3	J	26.5	J	28.3	J	19.0	J	21.9	J
ZINC	411	J	1990	J	1030	J	915	J	256	J
CYANIDE	0.13		0.70		0.25		0.42		0.21	

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Analytical Results (Qualified Data)

Case #: 30305 SDG : ME00J2
Site LACLEDE STEEL
Lab : LIBRTY
Reviewer :
Date :

Sample Number	ME00K9		ME00L0		ME00L1		ME00L2		ME00L3	
Sampling Location :	X108		X109		X110		X111		X112	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	03/21/2002		03/21/2002		03/21/2002		03/21/2002		03/21/2002	
Time Sampled :	15:30		15:30		15:45		15:50		16:00	
%Solids :	77.4		76.0		74.5		77.3		71.1	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	6380	J	7550	J	8210	J	8100	J	7550	J
ANTIMONY	0.38	J	0.39	UJ	0.83	J	0.48	J	1.5	J
ARSENIC	6.0		7.0		10.0		7.6		14.2	
BARIUM	135		130		130		143		180	
BERYLLIUM	0.49	J	0.51	J	0.57	J	0.51	J	0.58	J
CADMIUM	1.1		0.80		2.1		2.0		5.0	
CALCIUM	4750	J	4710	J	5130	J	3830	J	18800	J
CHROMIUM	18.4	J	18.6	J	27.4	J	24.3	J	44.9	J
COBALT	7.0		6.6		7.8		7.8		7.0	
COPPER	41.6		36.7		56.5		45.0		103	
IRON	13800	J	15700	J	19100	J	18200	J	19100	J
LEAD	116		91.4		284		234		497	
MAGNESIUM	1650		1940		2410		2120		3810	
MANGANESE	915	J	797	J	804	J	728	J	938	J
MERCURY	0.060	U	0.070	U	0.090		0.10		0.16	
NICKEL	17.2		17.7		22.6		23.3		30.3	
POTASSIUM	805		856		1190		1330		1240	
SELENIUM	1.3		0.95		1.6		1.3		1.6	
SILVER	0.13	UJ	0.13	UJ	0.13	UJ	0.13	UJ	0.48	J
SODIUM	832	J	781	J	1310	J	1320	J	3120	J
THALLIUM	0.75	UJ	0.77	UJ	0.81	UJ	0.77	UJ	0.84	UJ
VANADIUM	19.1	J	21.5	J	24.8	J	23.5	J	25.4	J
ZINC	270	J	219	J	853	J	833	J	2480	J
CYANIDE	0.16		0.32		0.27		0.29		0.43	

DISCLAIMER This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case # 30305 SDG : ME00J2
Site LACLEDE STEEL
Lab. LIBRTY
Reviewer
Date

Sample Number :	ME00J4D		ME00J4S							
Sampling Location :	X203		X203							
Matrix	Soil		Soil							
Units :	mg/Kg		mg/Kg							
Date Sampled :	03/20/2002		03/20/2002							
Time Sampled :	10:00		10:00							
%Solids :	54.5		54.5							
Dilution Factor :	1.0		1.0							
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	11200									
ANTIMONY	1.4	J	80.4							
ARSENIC	10.0		22.2							
BARIUM	214		857							
BERYLLIUM	0.73	J	16.8							
CADMIUM	5.1		20.4							
CALCIUM	14500									
CHROMIUM	464		139	J						
COBALT	10.8		175							
COPPER	89.8		172							
IRON	35900									
LEAD	265		253							
MAGNESIUM	3550									
MANGANESE	3680	J	476	J						
MERCURY	0.15		0.88							
NICKEL	29.2		199							
POTASSIUM	730									
SELENIUM	3.7		5.5							
SILVER	0.29	J	12.3							
SODIUM	1800	J								
THALLIUM	1.1	UJ	9.0							
VANADIUM	97.9		207	J						
ZINC	1080		903	J						
CYANIDE	0.070	U	10.3							

DISCLAIMER This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

USEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30305
DAS No:
SDG No: ME00J2, ME00J8 **L**

Date Shipped: 3/22/02 Carrier Name: FedEx Airbill: 0706606434 Shipped to: Liberty Analytical 501 Madison Avenue Cary NC 27513 (919) 379-4080	Date Received/Received by: [illegible] Lab Contract No: [illegible] Unit Price: $79.57 Transfer To: Date Received/Received By: Lab Contract No: Price:	Sampler (Signature): Ken W. Corkill	
		Relinquished By: Ken C. / Date / Time: 3-22-02/1200	Received By:
		Relinquished By: / Date / Time:	Received By:
		Relinquished By: / Date / Time: 3-23-02/1020	Received By: [illegible]

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00J2	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37903 (Ice Only) (1)	X201	3/20/02 15:00	E00J2	Good
ME00J3	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37909 (Ice Only) (1)	X202	3/20/02 9:30	E00J3	
ME00J4	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37913 (Ice Only) (1)	X203	3/20/02 10:00	E00J4	
ME00J5	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37917 (Ice Only) (1)	X204	3/20/02 10:00	E00J5	
ME00J6	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37921 (Ice Only) (1)	X205	3/20/02 10:30	E00J6	
ME00J7	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37925 (Ice Only) (1)	X206	3/20/02 11:30	E00J7	
ME00J8	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37929 (Ice Only) (1)	X207	3/20/02 12:15	E00J8	
ME00J9	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37933 (Ice Only) (1)	X208	3/20/02 13:00	E00J9	
ME00K0	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37937 (Ice Only) (1)	X209	3/20/02 13:45	E00K0	
~~ME00K1~~	~~Sediment/ Ken Corkill~~	~~L/G~~	~~TM/CN (21)~~	~~5-37941 (Ice Only) (1)~~	~~X210~~	~~3/20/02~~	~~E00K1~~	
ME00K2	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37941 (1)	X101	3/21/02 16:40		
ME00K3	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37942 (1)	X102	3/21/02 14:50		
ME00K4	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37943 (1)	X103	3/21/02 15:00		

ORIGINAL

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: ME00J4, ME00J5, ME00J8	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 2	Chain of Custody Seal Number: 41889-92
Analysis Key: TM/CN = CLP TAL Total Metals and Cyanide	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. [illegible] 3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-032202-0001

USEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30305
DAS No:
SDG No: ME00J2, ME00J8 L

Date Shipped: 3/22/02 Carrier Name: FedEx Airbill: 0706606434 Shipped to: Liberty Analytical 501 Madison Avenue Cary NC 27513 (919) 379-4080	Date Received/Received by: [illegible] Lab Contract No: ____ Unit Price: ____ Transfer To: ____ Date Received/Received By: ____ Lab Contract No: ____ Price: ____	Sampler (Signature): [illegible]		
		Relinquished By: [illegible]	Date / Time: 3-22-02/1200	Received By: [illegible]
		Relinquished By:	Date / Time:	Received By:
		Relinquished By:	Date / Time: 3-23-02/10:20	Received By: [illegible]

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00K5	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37944 (1)	X104	3/21/02 15:05		Good
ME00K6	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37945 (1)	X105	3/21/02 15:15		
ME00K7	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37946 (1)	X106	3/21/02 15:20		
ME00K8	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37947 (1)	X107	3/21/02 15:25		
ME00K9	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37948 (1)	X108	3/21/02 15:30		
ME00L0	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37949 (1)	X109	3/21/02 15:30		
ME00L1	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37950 (1)	X110	3/21/02 15:45		
ME00L2	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37951 (1)	X111	3/21/02 15:50		
ME00L3	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37952 (1)	X112	3/21/02 16:00		SDG Final Sample
ME00L4	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37953 (1)	X113	3/21/02 16:10		ORIGINAL

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: ME00J4, ME00J5, ME00J8	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: 41889-92
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ____ Shipment Iced? ____
TM/CN = CLP TAL Total Metals and Cyanide				

PR provides pr[illegible]inary results. Requests for preliminary results will increase analytical costs.
Send Copy to: [illegible]ract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. [illegible] 3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-032202-0001

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

APR 05 2002

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
ME00J2	ME00J2-1
ME00J3	ME00J2-2
ME00J4	ME00J2-3
ME00J4D	WG16485-2
ME00J4S	WG16485-1
ME00J5	ME00J2-4
ME00J6	ME00J2-5
ME00J7	ME00J2-6
ME00J9	ME00J2-7
ME00K0	ME00J2-8
ME00K2	ME00J2-9
ME00K3	ME00J2-10
ME00K4	ME00J2-11
ME00K5	ME00J2-12
ME00K6	ME00J2-13
ME00K7	ME00J2-14
ME00K8	ME00J2-15
ME00K9	ME00J2-16
ME00L0	ME00J2-17
ME00L1	ME00J2-18
ME00L2	ME00J2-19

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

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

Signature: Thomas R Cole Name: Thomas R Cole

Date: April 4 2002 Title: Auto Reviewer I3

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
ME00L3	ME00J2-20

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

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

Signature: Thomas R. Cole Name: Thomas R Cole

Date: April 4 2002 Title: Data Reviewer II 4

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J2

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-1

Level (low/med): LOW Date Received: 03/23/02

% Solids: 66.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5320		*	P
7440-36-0	Antimony	0.45	U	N	P
7440-38-2	Arsenic	3.8			P
7440-39-3	Barium	92.6			P
7440-41-7	Beryllium	0.47	B		P
7440-43-9	Cadmium	1.3	B	*	P
7440-70-2	Calcium	58200		*	P
7440-47-3	Chromium	21.1		*	P
7440-48-4	Cobalt	4.3	B		P
7440-50-8	Copper	31.0			P
7439-89-6	Iron	12600		*	P
7439-92-1	Lead	198			P
7439-95-4	Magnesium	5940			P
7439-96-5	Manganese	504		N*	P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	15.1			P
7440-09-7	Potassium	747	B		P
7782-49-2	Selenium	1.3	B		P
7440-22-4	Silver	0.15	U	N	P
7440-23-5	Sodium	979	B		P
7440-28-0	Thallium	0.89	U	N	P
7440-62-2	Vanadium	18.1		*	P
7440-66-6	Zinc	199		*	P
	Cyanide	0.070	B		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J3

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-2

Level (low/med): LOW Date Received: 03/23/02

% Solids: 77.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2740		*	P
7440-36-0	Antimony	0.38	U	N	P
7440-38-2	Arsenic	2.7			P
7440-39-3	Barium	51.5			P
7440-41-7	Beryllium	0.24	B		P
7440-43-9	Cadmium	0.076	U	*	P
7440-70-2	Calcium	8670		*	P
7440-47-3	Chromium	7.3		*	P
7440-48-4	Cobalt	3.6	B		P
7440-50-8	Copper	11.7			P
7439-89-6	Iron	6650		*	P
7439-92-1	Lead	11.4			P
7439-95-4	Magnesium	2540			P
7439-96-5	Manganese	319		N*	P
7439-97-6	Mercury	0.059	U		CV
7440-02-0	Nickel	8.0	B		P
7440-09-7	Potassium	322	B		P
7782-49-2	Selenium	0.55	B		P
7440-22-4	Silver	0.13	U	N	P
7440-23-5	Sodium	321	B		P
7440-28-0	Thallium	0.76	U	N	P
7440-62-2	Vanadium	9.6	B	*	P
7440-66-6	Zinc	35.2		*	P
	Cyanide	0.062	B		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J4

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-3

Level (low/med): LOW Date Received: 03/23/02

% Solids: 54.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7320		*	P
7440-36-0	Antimony	0.81	B	N	P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	151			P
7440-41-7	Beryllium	0.63	B		P
7440-43-9	Cadmium	3.0		*	P
7440-70-2	Calcium	5120		*	P
7440-47-3	Chromium	53.5		*	P
7440-48-4	Cobalt	5.2	B		P
7440-50-8	Copper	83.3			P
7439-89-6	Iron	15900		*	P
7439-92-1	Lead	238			P
7439-95-4	Magnesium	2160			P
7439-96-5	Manganese	193		N*	P
7439-97-6	Mercury	0.10	B		CV
7440-02-0	Nickel	26.2			P
7440-09-7	Potassium	703	B		P
7782-49-2	Selenium	2.2			P
7440-22-4	Silver	0.35	B	N	P
7440-23-5	Sodium	1400	B		P
7440-28-0	Thallium	1.1	U	N	P
7440-62-2	Vanadium	28.6		*	P
7440-66-6	Zinc	687		*	P
	Cyanide	0.073	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J5

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-4

Level (low/med): LOW Date Received: 03/23/02

% Solids: 61.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6220		*	P
7440-36-0	Antimony	0.92	B	N	P
7440-38-2	Arsenic	6.4			P
7440-39-3	Barium	132			P
7440-41-7	Beryllium	0.57	B		P
7440-43-9	Cadmium	2.7		*	P
7440-70-2	Calcium	4240		*	P
7440-47-3	Chromium	44.9		*	P
7440-48-4	Cobalt	4.2	B		P
7440-50-8	Copper	70.4			P
7439-89-6	Iron	13100		*	P
7439-92-1	Lead	196			P
7439-95-4	Magnesium	1750			P
7439-96-5	Manganese	173		N*	P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	22.4			P
7440-09-7	Potassium	564	B		P
7782-49-2	Selenium	1.5	B		P
7440-22-4	Silver	0.19	B	N	P
7440-23-5	Sodium	1150	B		P
7440-28-0	Thallium	0.96	U	N	P
7440-62-2	Vanadium	23.2		*	P
7440-66-6	Zinc	608		*	P
	Cyanide	0.062	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J6

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-5

Level (low/med): LOW Date Received: 03/23/02

% Solids: 75.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6080		*	P
7440-36-0	Antimony	0.39	U	N	P
7440-38-2	Arsenic	1.1	B		P
7440-39-3	Barium	107			P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	0.091	B	*	P
7440-70-2	Calcium	4240		*	P
7440-47-3	Chromium	15.4		*	P
7440-48-4	Cobalt	5.2	B		P
7440-50-8	Copper	13.8			P
7439-89-6	Iron	9290		*	P
7439-92-1	Lead	18.6			P
7439-95-4	Magnesium	1940			P
7439-96-5	Manganese	333		N*	P
7439-97-6	Mercury	0.055	U		CV
7440-02-0	Nickel	15.1			P
7440-09-7	Potassium	725	B		P
7782-49-2	Selenium	0.65	B		P
7440-22-4	Silver	0.13	U	N	P
7440-23-5	Sodium	486	B		P
7440-28-0	Thallium	0.78	U	N	P
7440-62-2	Vanadium	21.6		*	P
7440-66-6	Zinc	68.8		*	P
	Cyanide	0.054	B		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J7

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-6

Level (low/med): LOW Date Received: 03/23/02

% Solids: 39.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2880		*	P
7440-36-0	Antimony	0.76	U	N	P
7440-38-2	Arsenic	3.5	B		P
7440-39-3	Barium	237			P
7440-41-7	Beryllium	0.19	B		P
7440-43-9	Cadmium	1.2	B	*	P
7440-70-2	Calcium	297000		*	P
7440-47-3	Chromium	18.4		*	P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	29.1			P
7439-89-6	Iron	4690		*	P
7439-92-1	Lead	164			P
7439-95-4	Magnesium	16600			P
7439-96-5	Manganese	330		N*	P
7439-97-6	Mercury	0.13	U		CV
7440-02-0	Nickel	7.0	B		P
7440-09-7	Potassium	599	B		P
7782-49-2	Selenium	1.2	B		P
7440-22-4	Silver	0.25	U	N	P
7440-23-5	Sodium	2380	B		P
7440-28-0	Thallium	1.5	U	N	P
7440-62-2	Vanadium	12.2	B	*	P
7440-66-6	Zinc	414		*	P
	Cyanide	0.47	B		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J9

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-7

Level (low/med): LOW Date Received: 03/23/02

% Solids: 65.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4700		*	P
7440-36-0	Antimony	0.57	B	N	P
7440-38-2	Arsenic	4.5			P
7440-39-3	Barium	120			P
7440-41-7	Beryllium	0.50	B		P
7440-43-9	Cadmium	3.1		*	P
7440-70-2	Calcium	30500		*	P
7440-47-3	Chromium	28.0		*	P
7440-48-4	Cobalt	5.4	B		P
7440-50-8	Copper	56.7			P
7439-89-6	Iron	13900		*	P
7439-92-1	Lead	154			P
7439-95-4	Magnesium	4150			P
7439-96-5	Manganese	375		N*	P
7439-97-6	Mercury	0.18			CV
7440-02-0	Nickel	32.3			P
7440-09-7	Potassium	633	B		P
7782-49-2	Selenium	1.2	B		P
7440-22-4	Silver	1.8	B	N	P
7440-23-5	Sodium	1040	B		P
7440-28-0	Thallium	0.89	U	N	P
7440-62-2	Vanadium	17.3		*	P
7440-66-6	Zinc	523		*	P
	Cyanide	0.15	B		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K0

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-8

Level (low/med): LOW Date Received: 03/23/02

% Solids: 64.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4700		*	P
7440-36-0	Antimony	0.45	U	N	P
7440-38-2	Arsenic	4.7			P
7440-39-3	Barium	101			P
7440-41-7	Beryllium	0.40	B		P
7440-43-9	Cadmium	1.3	B	*	P
7440-70-2	Calcium	31800		*	P
7440-47-3	Chromium	23.9		*	P
7440-48-4	Cobalt	5.3	B		P
7440-50-8	Copper	68.2			P
7439-89-6	Iron	11700		*	P
7439-92-1	Lead	135			P
7439-95-4	Magnesium	3970			P
7439-96-5	Manganese	331		N*	P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	18.3			P
7440-09-7	Potassium	527	B		P
7782-49-2	Selenium	1.0	B		P
7440-22-4	Silver	0.15	U	N	P
7440-23-5	Sodium	1200	B		P
7440-28-0	Thallium	0.90	U	N	P
7440-62-2	Vanadium	17.0		*	P
7440-66-6	Zinc	590		*	P
	Cyanide	0.062	U		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K2

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-9

Level (low/med): LOW Date Received: 03/23/02

% Solids: 73.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5490		*	P
7440-36-0	Antimony	0.63	B	N	P
7440-38-2	Arsenic	6.6			P
7440-39-3	Barium	156			P
7440-41-7	Beryllium	0.64	B		P
7440-43-9	Cadmium	1.3	B	*	P
7440-70-2	Calcium	2640		*	P
7440-47-3	Chromium	11.4		*	P
7440-48-4	Cobalt	7.6	B		P
7440-50-8	Copper	36.8			P
7439-89-6	Iron	19100		*	P
7439-92-1	Lead	309			P
7439-95-4	Magnesium	1090	B		P
7439-96-5	Manganese	997		N*	P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	14.4			P
7440-09-7	Potassium	964	B		P
7782-49-2	Selenium	1.6			P
7440-22-4	Silver	0.14	U	N	P
7440-23-5	Sodium	605	B		P
7440-28-0	Thallium	0.82	U	N	P
7440-62-2	Vanadium	21.2		*	P
7440-66-6	Zinc	252		*	P
	Cyanide	0.51	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K3

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-10

Level (low/med): LOW Date Received: 03/23/02

% Solids: 73.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4870		*	P
7440-36-0	Antimony	0.44	B	N	P
7440-38-2	Arsenic	53.0			P
7440-39-3	Barium	118			P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	1.5		*	P
7440-70-2	Calcium	3640		*	P
7440-47-3	Chromium	15.9		*	P
7440-48-4	Cobalt	6.0	B		P
7440-50-8	Copper	48.9			P
7439-89-6	Iron	10500		*	P
7439-92-1	Lead	145			P
7439-95-4	Magnesium	1390			P
7439-96-5	Manganese	927		N*	P
7439-97-6	Mercury	0.19			CV
7440-02-0	Nickel	18.6			P
7440-09-7	Potassium	854	B		P
7782-49-2	Selenium	1.1	B		P
7440-22-4	Silver	0.63	B	N	P
7440-23-5	Sodium	762	B		P
7440-28-0	Thallium	0.80	U	N	P
7440-62-2	Vanadium	15.2		*	P
7440-66-6	Zinc	400		*	P
	Cyanide	0.24	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

ments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K4

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-11

Level (low/med): LOW Date Received: 03/23/02

% Solids: 77.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6050		*	P
7440-36-0	Antimony	0.38	U	N	P
7440-38-2	Arsenic	7.5			P
7440-39-3	Barium	120			P
7440-41-7	Beryllium	0.40	B		P
7440-43-9	Cadmium	2.1		*	P
7440-70-2	Calcium	19800		*	P
7440-47-3	Chromium	16.5		*	P
7440-48-4	Cobalt	6.6	B		P
7440-50-8	Copper	46.5			P
7439-89-6	Iron	15700		*	P
7439-92-1	Lead	74.9			P
7439-95-4	Magnesium	11900			P
7439-96-5	Manganese	710		N*	P
7439-97-6	Mercury	0.054	U		CV
7440-02-0	Nickel	21.6			P
7440-09-7	Potassium	1120	B		P
7782-49-2	Selenium	0.89	B		P
7440-22-4	Silver	0.13	U	N	P
7440-23-5	Sodium	818	B		P
7440-28-0	Thallium	0.77	U	N	P
7440-62-2	Vanadium	20.3		*	P
7440-66-6	Zinc	411		*	P
	Cyanide	0.13	B		CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K5

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-12

Level (low/med): LOW Date Received: 03/23/02

% Solids: 65.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8420		*	P
7440-36-0	Antimony	2.0	B	N	P
7440-38-2	Arsenic	7.5			P
7440-39-3	Barium	203			P
7440-41-7	Beryllium	0.67	B		P
7440-43-9	Cadmium	6.3		*	P
7440-70-2	Calcium	8360		*	P
7440-47-3	Chromium	78.5		*	P
7440-48-4	Cobalt	8.9	B		P
7440-50-8	Copper	215			P
7439-89-6	Iron	19600		*	P
7439-92-1	Lead	736			P
7439-95-4	Magnesium	2570			P
7439-96-5	Manganese	1680		N*	P
7439-97-6	Mercury	0.35			CV
7440-02-0	Nickel	47.4			P
7440-09-7	Potassium	1300	B		P
7782-49-2	Selenium	2.8			P
7440-22-4	Silver	0.66	B	N	P
7440-23-5	Sodium	2600			P
7440-28-0	Thallium	0.90	U	N	P
7440-62-2	Vanadium	26.5		*	P
7440-66-6	Zinc	1990		*	P
	Cyanide	0.70	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K6

Lab Name: COMPUCHEM Contract: 68W0008Z

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-13

Level (low/med): LOW Date Received: 03/23/02

% Solids: 74.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9810		*	P
7440-36-0	Antimony	0.40	U	N	P
7440-38-2	Arsenic	9.9			P
7440-39-3	Barium	157			P
7440-41-7	Beryllium	0.69	B		P
7440-43-9	Cadmium	2.4		*	P
7440-70-2	Calcium	7880		*	P
7440-47-3	Chromium	25.5		*	P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	70.5			P
7439-89-6	Iron	20400		*	P
7439-92-1	Lead	173			P
7439-95-4	Magnesium	2800			P
7439-96-5	Manganese	776		N*	P
7439-97-6	Mercury	0.10	B		CV
7440-02-0	Nickel	28.1			P
7440-09-7	Potassium	1390			P
7782-49-2	Selenium	0.95	B		P
7440-22-4	Silver	0.13	U	N	P
7440-23-5	Sodium	1500			P
7440-28-0	Thallium	0.81	U	N	P
7440-62-2	Vanadium	28.3		*	P
7440-66-6	Zinc	1030		*	P
	Cyanide	0.25	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K7

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-14

Level (low/med): LOW Date Received: 03/23/02

% Solids: 68.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5880		*	P
7440-36-0	Antimony	0.64	B	N	P
7440-38-2	Arsenic	5.6			P
7440-39-3	Barium	121			P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	2.6		*	P
7440-70-2	Calcium	3810		*	P
7440-47-3	Chromium	23.0		*	P
7440-48-4	Cobalt	6.6	B		P
7440-50-8	Copper	76.2			P
7439-89-6	Iron	12500		*	P
7439-92-1	Lead	182			P
7439-95-4	Magnesium	1430	B		P
7439-96-5	Manganese	866		N*	P
7439-97-6	Mercury	0.10	B		CV
7440-02-0	Nickel	21.6			P
7440-09-7	Potassium	991	B		P
7782-49-2	Selenium	1.3	B		P
7440-22-4	Silver	0.14	U	N	P
7440-23-5	Sodium	1410	B		P
7440-28-0	Thallium	0.86	U	N	P
7440-62-2	Vanadium	19.0		*	P
7440-66-6	Zinc	915		*	P
	Cyanide	0.42	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K8

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-15

Level (low/med): LOW Date Received: 03/23/02

% Solids: 68.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6870		*	P
7440-36-0	Antimony	0.42	U	N	P
7440-38-2	Arsenic	6.4			P
7440-39-3	Barium	120			P
7440-41-7	Beryllium	0.56	B		P
7440-43-9	Cadmium	1.1	B	*	P
7440-70-2	Calcium	7420		*	P
7440-47-3	Chromium	17.4		*	P
7440-48-4	Cobalt	6.8	B		P
7440-50-8	Copper	41.4			P
7439-89-6	Iron	15400		*	P
7439-92-1	Lead	79.8			P
7439-95-4	Magnesium	3700			P
7439-96-5	Manganese	633		N*	P
7439-97-6	Mercury	0.070	U		CV
7440-02-0	Nickel	20.9			P
7440-09-7	Potassium	1320	B		P
7782-49-2	Selenium	1.3	B		P
7440-22-4	Silver	0.14	U	N	P
7440-23-5	Sodium	610	B		P
7440-28-0	Thallium	0.85	U	N	P
7440-62-2	Vanadium	21.9		*	P
7440-66-6	Zinc	256		*	P
	Cyanide	0.21	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00K9

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-16

Level (low/med): LOW Date Received: 03/23/02

% Solids: 77.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6380		*	P
7440-36-0	Antimony	0.38	B	N	P
7440-38-2	Arsenic	6.0			P
7440-39-3	Barium	135			P
7440-41-7	Beryllium	0.49	B		P
7440-43-9	Cadmium	1.1	B	*	P
7440-70-2	Calcium	4740		*	P
7440-47-3	Chromium	18.4		*	P
7440-48-4	Cobalt	7.0	B		P
7440-50-8	Copper	41.6			P
7439-89-6	Iron	13800		*	P
7439-92-1	Lead	116			P
7439-95-4	Magnesium	1650			P
7439-96-5	Manganese	915		N*	P
7439-97-6	Mercury	0.056	U		CV
7440-02-0	Nickel	17.2			P
7440-09-7	Potassium	805	B		P
7782-49-2	Selenium	1.3			P
7440-22-4	Silver	0.12	U	N	P
7440-23-5	Sodium	832	B		P
7440-28-0	Thallium	0.75	U	N	P
7440-62-2	Vanadium	19.1		*	P
7440-66-6	Zinc	270		*	P
	Cyanide	0.16	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00L0

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-17

Level (low/med): LOW Date Received: 03/23/02

% Solids: 76.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7550		*	P
7440-36-0	Antimony	0.39	U	N	P
7440-38-2	Arsenic	7.0			P
7440-39-3	Barium	130			P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	0.80	B	*	P
7440-70-2	Calcium	4710		*	P
7440-47-3	Chromium	18.6		*	P
7440-48-4	Cobalt	6.6	B		P
7440-50-8	Copper	36.7			P
7439-89-6	Iron	15700		*	P
7439-92-1	Lead	91.4			P
7439-95-4	Magnesium	1940			P
7439-96-5	Manganese	797		N*	P
7439-97-6	Mercury	0.066	U		CV
7440-02-0	Nickel	17.7			P
7440-09-7	Potassium	856	B		P
7782-49-2	Selenium	0.95	B		P
7440-22-4	Silver	0.13	U	N	P
7440-23-5	Sodium	781	B		P
7440-28-0	Thallium	0.77	U	N	P
7440-62-2	Vanadium	21.5		*	P
7440-66-6	Zinc	219		*	P
	Cyanide	0.32	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00L1

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-18

Level (low/med): LOW Date Received: 03/23/02

% Solids: 74.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8210		*	P
7440-36-0	Antimony	0.83	B	N	P
7440-38-2	Arsenic	10.0			P
7440-39-3	Barium	130			P
7440-41-7	Beryllium	0.57	B		P
7440-43-9	Cadmium	2.1		*	P
7440-70-2	Calcium	5130		*	P
7440-47-3	Chromium	27.4		*	P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	56.5			P
7439-89-6	Iron	19100		*	P
7439-92-1	Lead	284			P
7439-95-4	Magnesium	2410			P
7439-96-5	Manganese	804		N*	P
7439-97-6	Mercury	0.091	B		CV
7440-02-0	Nickel	22.6			P
7440-09-7	Potassium	1190	B		P
7782-49-2	Selenium	1.6			P
7440-22-4	Silver	0.13	U	N	P
7440-23-5	Sodium	1300	B		P
7440-28-0	Thallium	0.80	U	N	P
7440-62-2	Vanadium	24.8		*	P
7440-66-6	Zinc	853		*	P
	Cyanide	0.27	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

mments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00L2

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-19

Level (low/med): LOW Date Received: 03/23/02

% Solids: 77.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8100		*	P
7440-36-0	Antimony	0.48	B	N	P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	143			P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	2.0		*	P
7440-70-2	Calcium	3830		*	P
7440-47-3	Chromium	24.2		*	P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	45.0			P
7439-89-6	Iron	18200		*	P
7439-92-1	Lead	234			P
7439-95-4	Magnesium	2120			P
7439-96-5	Manganese	728		N*	P
7439-97-6	Mercury	0.10	B		CV
7440-02-0	Nickel	23.3			P
7440-09-7	Potassium	1330			P
7782-49-2	Selenium	1.3			P
7440-22-4	Silver	0.13	U	N	P
7440-23-5	Sodium	1320			P
7440-28-0	Thallium	0.77	U	N	P
7440-62-2	Vanadium	23.5		*	P
7440-66-6	Zinc	833		*	P
	Cyanide	0.29	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00L3

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J2

Matrix (soil/water): SOIL Lab Sample ID: ME00J2-20

Level (low/med): LOW Date Received: 03/23/02

% Solids: 71.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7550		*	P
7440-36-0	Antimony	1.5	B	N	P
7440-38-2	Arsenic	14.2			P
7440-39-3	Barium	180			P
7440-41-7	Beryllium	0.58	B		P
7440-43-9	Cadmium	5.0		*	P
7440-70-2	Calcium	18800		*	P
7440-47-3	Chromium	44.9		*	P
7440-48-4	Cobalt	7.0	B		P
7440-50-8	Copper	103			P
7439-89-6	Iron	19100		*	P
7439-92-1	Lead	497			P
7439-95-4	Magnesium	3810			P
7439-96-5	Manganese	938		N*	P
7439-97-6	Mercury	0.16			CV
7440-02-0	Nickel	30.3			P
7440-09-7	Potassium	1240	B		P
7782-49-2	Selenium	1.6			P
7440-22-4	Silver	0.48	B	N	P
7440-23-5	Sodium	3120			P
7440-28-0	Thallium	0.84	U	N	P
7440-62-2	Vanadium	25.4		*	P
7440-66-6	Zinc	2480		*	P
	Cyanide	0.43	B		CA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

mments:

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BLANKS

I Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	44.0	U	44.0	U	44.0	U	51.6	B	13.303	B	P
Antimony	1.5	U	1.5	U	1.5	U	1.5	U	0.300	U	P
Arsenic	1.7	U	1.7	U	1.7	U	1.7	U	0.340	U	P
Barium	0.8	U	0.8	U	0.8	U	0.8	U	0.160	U	P
Beryllium	0.3	U	0.3	B	0.4	B	0.4	B	0.060	U	P
Cadmium	0.3	U	0.4	B	0.5	B	0.6	B	0.060	U	P
Calcium	-59.0	B	34.5	U	34.5	U	34.5	U	6.900	U	P
Chromium	0.9	U	0.9	U	0.9	U	0.9	U	0.180	U	P
Cobalt	2.0	U	2.0	U	2.0	U	2.0	U	0.400	U	P
Copper	1.8	U	1.8	U	1.8	U	1.8	U	0.360	U	P
Iron	23.8	U	23.8	U	23.8	U	23.8	U	4.760	U	P
Lead	1.6	U	1.6	U	1.6	U	1.6	U	0.320	U	P
Magnesium	26.7	U	42.8	B	26.7	U	53.9	B	5.340	U	P
Manganese	0.3	U	0.3	B	0.6	B	0.4	B	0.060	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.050	U	CV
Nickel	1.0	U	1.0	U	1.0	U	1.0	U	0.203	B	P
Potassium	24.9	U	24.9	U	24.9	U	25.6	B	4.980	U	P
Selenium	1.9	U	1.9	U	1.9	U	1.9	U	0.380	U	P
Silver	0.5	U	0.5	U	0.5	U	0.5	U	0.100	U	P
Sodium	262.0	U	262.0	U	262.0	U	262.0	U	52.400	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U	0.600	U	P
Vanadium	1.7	U	1.7	U	1.7	U	1.7	U	0.340	U	P
Zinc	4.6	U	4.6	U	4.6	U	4.6	U	0.920	U	P
Cyanide	0.8	U	0.8	B	-.9	B	-1.0	B	-.042	B	CA

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BLANKS

L Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: _____ SDG NO.: ME00J2

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Prepa-ration Blank	C		M
Aluminum			44.0	U	88.2	B	87.2	B					P
Antimony			1.5	U	1.5	U	1.5	U					P
Arsenic			1.7	U	1.7	U	1.7	U					P
Barium			0.8	U	0.8	U	0.8	U					P
Beryllium			0.4	B	0.4	B	0.4	B					P
Cadmium			0.5	B	0.6	B	0.4	B					P
Calcium			34.5	U	34.5	U	-36.9	B					P
Chromium			0.9	U	0.9	U	0.9	U					P
Cobalt			2.0	U	2.0	U	2.0	U					P
Copper			1.8	U	1.8	U	1.8	U					P
Iron			23.8	U	23.8	U	23.8	U					P
Lead			1.6	U	1.6	U	1.6	U					P
Magnesium			26.7	U	45.6	B	26.7	U					P
Manganese			0.3	B	0.4	B	0.4	B					P
Mercury			0.1	U	0.1	U	0.1	U					CV
Nickel			1.0	U	1.0	U	1.0	U					P
Potassium			24.9	U	24.9	U	24.9	U					P
Selenium			1.9	U	1.9	U	1.9	U					P
Silver			0.5	U	0.5	U	0.5	U					P
Sodium			262.0	U	262.0	U	262.0	U					P
Thallium			3.0	U	3.0	U	3.0	U					P
Vanadium			1.7	U	1.7	U	1.7	U					P
Zinc			4.6	U	4.6	U	4.6	U					P
Cyanide			-1.8	B	-1.0	B	-1.2	B					CA

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BLANKS

I. Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: _____ SDG NO.: ME00J2

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			95.3	B	54.4	B	81.5	B			P
Antimony			1.5	U	1.8	B	1.5	U			P
Arsenic			1.7	U	1.7	U	1.7	U			P
Barium			0.8	U	1.5	B	0.8	U			P
Beryllium			0.4	B	0.6	B	0.5	B			P
Cadmium			0.4	B	0.4	B	0.6	B			P
Calcium			34.5	U	-35.0	B	34.5	U			P
Chromium			1.0	B	0.9	U	0.9	U			P
Cobalt			2.0	U	2.0	U	2.0	U			P
Copper			1.8	U	1.8	U	1.8	U			P
Iron			23.8	U	23.8	U	32.5	B			P
Lead			1.6	U	1.6	U	1.6	U			P
Magnesium			42.7	B	26.7	U	76.9	B			P
Manganese			0.3	B	0.5	B	0.4	B			P
Nickel			1.0	U	1.0	U	1.0	U			P
Potassium			24.9	U	24.9	U	24.9	U			P
Selenium			1.9	U	1.9	U	1.9	U			P
Silver			0.5	U	0.5	U	0.5	U			P
Sodium			262.0	U	262.0	U	262.0	U			P
Thallium			3.0	U	3.0	U	3.0	U			P
Vanadium			1.7	U	1.7	U	1.7	U			P
Zinc			4.6	U	4.6	U	4.6	U			P
Cyanide			-1.5	B	-1.2	B	-1.4	B			CA

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BLANKS

I Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: _____ SDG NO.: ME00J2

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C		Prepa-ration Blank	C		M
Aluminum	44.0	U	65.2	B	48.2	B	83.7	B					P
Antimony	1.5	U	1.7	B	2.1	B	1.8	B					P
Arsenic	1.7	U	1.7	U	1.7	U	1.7	U					P
Barium	0.8	U	0.8	U	0.8	U	0.8	U					P
Beryllium	0.3	U	0.6	B	0.6	B	0.7	B					P
Cadmium	0.3	U	0.6	B	0.4	B	0.4	B					P
Calcium	-61.6	B	34.5	U	-41.5	B	34.5	U					P
Chromium	0.9	U	0.9	U	0.9	U	0.9	U					P
Cobalt	2.0	U	2.0	U	2.0	U	2.0	U					P
Copper	1.8	U	1.8	U	1.8	U	1.8	U					P
Iron	23.8	U	23.8	U	23.8	U	23.8	U					P
Lead	1.6	U	1.6	U	1.6	U	1.6	U					P
Magnesium	26.7	U	44.9	B	26.7	U	58.3	B					P
Manganese	0.3	U	0.3	U	0.3	U	0.3	U					P
Nickel	1.0	U	1.0	U	1.0	U	1.0	U					P
Potassium	24.9	U	25.1	B	24.9	U	24.9	U					P
Selenium	1.9	U	1.9	U	1.9	U	1.9	U					P
Silver	0.5	U	0.5	U	0.5	U	0.5	U					P
Sodium	262.0	U	262.0	U	262.0	U	262.0	U					P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U					P
Vanadium	1.7	U	1.7	U	1.7	U	1.7	U					P
Zinc	-4.6	B	4.6	U	4.6	U	4.6	U					P

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SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00J4S

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: _____ SDG NO.: ME00J2

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 54.5

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	80.3661		0.8065	B	183.49	43.4	N	P
Arsenic	75 - 125	22.1664		7.6312		14.68	99.0		P
Barium	75 - 125	856.7300		151.1299		733.95	96.1		P
Beryllium	75 - 125	16.7826		0.6288	B	18.35	88.0		P
Cadmium	75 - 125	20.4327		3.0390		18.35	94.8		P
Chromium	75 - 125	139.2347		53.5277		73.39	116.8		P
Cobalt	75 - 125	174.5313		5.2302	B	183.49	92.3		P
Copper	75 - 125	171.5796		83.3123		91.74	96.2		P
Lead		252.5479		238.3300		7.34	193.7		P
Manganese	75 - 125	476.4760		192.7059		183.49	154.6	N	P
Mercury	75 - 125	0.8837		0.1028	B	0.92	84.9		CV
Nickel	75 - 125	198.7813		26.2386		183.49	94.0		P
Selenium	75 - 125	5.4849		2.1640		3.67	90.5		P
Silver	75 - 125	12.2707		0.3498	B	18.35	65.0	N	P
Thallium	75 - 125	8.9565		1.1009	U	18.35	48.8	N	P
Vanadium	75 - 125	207.4945		28.6547		183.49	97.5		P
Zinc	75 - 125	902.6456		687.4478		183.49	117.3		P
Cyanide	75 - 125	10.3217		0.0734	U	9.17	112.6		CA

Comments: _____

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POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00J4A

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Antimony		114.90		2.20	B	120.0	93.9		P
Manganese		1541.16		525.12		1050.0	96.8		P
Thallium		9.26	B	3.00	U	20.0	46.3		P

Comments:

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DUPLICATES

EPA SAMPLE NO.

ME00J4D

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 54.5 % Solids for Duplicate: 58.3

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		7321.9341		11179.3096		41.7	*	P
Antimony		0.8065	B	1.3873	B	52.9		P
Arsenic	3.7	7.6312		9.9602		26.5		P
Barium	73.4	151.1299		213.8609		34.4		P
Beryllium		0.6288	B	0.7332	B	15.3		P
Cadmium	1.8	3.0390		5.1189		51.0	*	P
Calcium	1834.9	5120.7896		14489.5156		95.5	*	P
Chromium		53.5277		463.8672		158.6	*	P
Cobalt		5.2302	B	10.8180	B	69.6		P
Copper		83.3123		89.8107		7.5		P
Cyanide		0.0734	U	0.0734	U			CA
Iron		15942.1152		35871.5742		76.9	*	P
Lead		238.3300		264.7750		10.5		P
Magnesium	1834.9	2159.1001		3551.5107		48.8		P
Manganese		192.7059		3675.2808		180.1	*	P
Mercury		0.1028	B	0.1455	B	34.4		CV
Nickel	14.7	26.2386		29.2134		10.7		P
Potassium		702.7296	B	730.3344	B	3.8		P
Selenium	1.8	2.1640		3.6814		51.9		P
Silver		0.3498	B	0.2884	B	19.2		P
Sodium		1396.8533	B	1795.2515	B	25.0		P
Thallium		1.1009	U	1.1009	U			P
Vanadium	18.3	28.6547		97.8689		109.4	*	P
Zinc		687.4478		1075.1226		44.0	*	P

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LABORATORY CONTROL SAMPLE

I Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

Solid LCS Source: EPA-LV

Aqueous LCS Source:

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/kg) True	Solid (mg/kg) Found	C	Limits		%R
Aluminum				309.0	271.1		193.1	424.2	87.7
Antimony				213.0	188.6		129.4	297.2	88.5
Arsenic				930.0	765.8		613.6	1247.0	82.3
Barium				5.3	5.2		2.5	8.1	98.8
Beryllium				18.8	16.7		15.3	22.2	88.6
Cadmium				41.6	39.7		32.1	51.1	95.3
Calcium				184000.5	182997.6		142933.	225376.	99.4
Chromium				96.5	96.2		77.8	115.2	99.7
Cobalt				140.0	128.9		115.4	165.6	92.0
Copper				6680.0	6909.7		5727.3	7633.1	103.4
Iron				21000.0	17158.5		16831.3	25193.0	81.7
Lead				224.0	207.6		167.6	280.5	92.7
Magnesium				113000.0	117716.4		97493.0	128886.	104.2
Manganese				201.0	199.5		167.9	234.4	99.2
Mercury				12.3	9.7		7.8	16.9	78.9
Nickel				56.8	50.5		43.5	70.1	89.0
Potassium				102.4	94.3		0.0	379.3	92.1
Selenium				37.0	31.7		17.6	56.4	85.7
Silver				20.9	22.6		13.2	28.5	107.9
Sodium				92.8	481.6		0.0	277.4	518.9
Thallium				38.1	38.6		24.6	51.6	101.4
Vanadium				65.8	62.7		53.0	78.6	95.2
Zinc				175.0	148.0		127.7	222.1	84.6
Cyanide				5.6	5.7		4.3	6.9	101.6

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

I Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

ICP ID Number: P3 Date: 01/15/02

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	44.0	P
Antimony	206.84		60	1.5	P
Arsenic	189.04		10	1.7	P
Barium	493.41		200	0.8	P
Beryllium	313.04		5	0.3	P
Cadmium	226.50		5	0.3	P
Calcium	317.93		5000	34.5	P
Chromium	267.72		10	0.9	P
Cobalt	228.62		50	2.0	P
Copper	324.70		25	1.8	P
Iron	271.44		100	23.8	P
Lead	220.35		3	1.6	P
Magnesium	279.08		5000	26.7	P
Manganese	257.61		15	0.3	P
Nickel	231.60		40	1.0	P
Potassium	766.49		5000	24.9	P
Selenium	196.03		5	1.9	P
Silver	328.07		10	0.5	P
Sodium	330.23		5000	262.0	P
Thallium	190.86		10	3.0	P
Vanadium	292.40		50	1.7	P
Zinc	213.86		20	4.6	P

Comments:

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

ICP ID Number: Date: 01/15/02

Flame AA ID Number: V2

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Mercury	253.70		0.2	0.1	CV

Comments:

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

I Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

ICP ID Number: Date: 01/15/02

Flame AA ID Number: C2

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Cyanide			10	0.8	CA

Comments:

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

Method: P

EPA Sample No.	Preparation Date	Weight (grams)	Volume (mL)
LCSS	03/28/02	1.00	200
ME00J2	03/28/02	1.01	200
ME00J3	03/28/02	1.02	200
ME00J4	03/28/02	1.00	200
ME00J4D	03/28/02	1.00	200
ME00J4S	03/28/02	1.00	200
ME00J5	03/28/02	1.01	200
ME00J6	03/28/02	1.02	200
ME00J7	03/28/02	1.00	200
ME00J9	03/28/02	1.03	200
ME00K0	03/28/02	1.03	200
ME00K2	03/28/02	1.00	200
ME00K3	03/28/02	1.02	200
ME00K4	03/28/02	1.01	200
ME00K5	03/28/02	1.03	200
ME00K6	03/28/02	1.00	200
ME00K7	03/28/02	1.02	200
ME00K8	03/28/02	1.04	200
ME00K9	03/28/02	1.03	200
ME00L0	03/28/02	1.02	200
ME00L1	03/28/02	1.00	200
ME00L2	03/28/02	1.01	200
ME00L3	03/28/02	1.01	200
PBS	03/28/02	1.00	200

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

Method: CV

EPA Sample No.	Preparation Date	Weight (grams)	Volume (mL)
LCSS	03/28/02	0.20	100
ME00J2	03/28/02	0.21	100
ME00J3	03/28/02	0.22	100
ME00J4	03/28/02	0.20	100
ME00J4D	03/28/02	0.20	100
ME00J4S	03/28/02	0.20	100
ME00J5	03/28/02	0.23	100
ME00J6	03/28/02	0.24	100
ME00J7	03/28/02	0.20	100
ME00J9	03/28/02	0.22	100
ME00K0	03/28/02	0.24	100
ME00K2	03/28/02	0.20	100
ME00K3	03/28/02	0.22	100
ME00K4	03/28/02	0.24	100
ME00K5	03/28/02	0.22	100
ME00K6	03/28/02	0.20	100
ME00K7	03/28/02	0.24	100
ME00K8	03/28/02	0.21	100
ME00K9	03/28/02	0.23	100
ME00L0	03/28/02	0.20	100
ME00L1	03/28/02	0.21	100
ME00L2	03/28/02	0.24	100
ME00L3	03/28/02	0.20	100
PBS	03/28/02	0.20	100

U. S. EPA - CLP
13

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J2

Method: CA

EPA Sample No.	Preparation Date	Weight (grams)	Volume (mL)
LCSS	03/26/02	1.00	50
ME00J2	03/26/02	1.01	50
ME00J3	03/26/02	1.02	50
ME00J4	03/26/02	1.00	50
ME00J4D	03/26/02	1.00	50
ME00J4S	03/26/02	1.00	50
ME00J5	03/26/02	1.05	50
ME00J6	03/26/02	1.05	50
ME00J7	03/26/02	1.06	50
ME00J9	03/26/02	1.03	50
ME00K0	03/26/02	1.00	50
ME00K2	03/26/02	1.05	50
ME00K3	03/26/02	1.00	50
ME00K4	03/26/02	1.05	50
ME00K5	03/26/02	1.01	50
ME00K6	03/26/02	1.04	50
ME00K7	03/26/02	1.00	50
ME00K8	03/26/02	1.05	50
ME00K9	03/26/02	1.00	50
ME00L0	03/26/02	1.00	50
ME00L1	03/26/02	1.05	50
ME00L2	03/26/02	1.05	50
ME00L3	03/26/02	1.04	50
PBS	03/26/02	1.00	50

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: April 23, 2002

SUBJECT: Review of Data
Received for Review on April 12, 2002

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

The data in this case has not been validated.
We have compiled the CADRE files into a narrative format for the following case:

SITE NAME: Laclede Steel

C E NUMBER: 30305 SDG NUMBER: ME00J8

Number and Type of Samples: 4 soils

Sample Numbers: ME00J8; ME00L4-6

Laboratory: Compuchem Hrs. for Review: 2

Following are our findings:

CC: Cecilia Moore
Region 5 TPO
Mail Code: SM-5J

APR 26 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J8
Laboratory: Compuchem

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

NUMBER (##) MATRIX samples numbered ##, were collected on DATE. The lab received the samples on DATE in good condition. All samples were analyze for metals and cyanide. All samples were analyzed using CLP SOW ILM04.1 analysis procedures.

Mercury analysis was performed using a Cold Vapor AA Technique. Cyanide analysis was performed using the MIDI Distillation procedure. The remaining inorganic analyses were performed using an Inductively Coupled Plasma-Atomic Emission Spectrometric procedure.

Assembled By: ESAT
Date: April 23, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J8
Laboratory: Compuchem

1. HOLDING TIME:

Holding Time Report

SDG NO: ME00J8

HOLDING TIME CRITERIA

Inorganic

	-- Holding Time --		------- pH -------	
	Primary	Expanded	Primary	Expanded
Metals	180	0	2.0	0.0
Mercury	28	0	2.0	0.0
Cyanide	14	0	12.0	0.0

DC-280: The following inorganic soil samples were reviewed for holding time violations using criteria developed for water samples.

ME00J8, ME00J8D, ME00J8S, ME00L4, ME00L5, ME00L6

2. CALIBRATIONS:

Calibration Report

SDG NO: ME00J8

CALIBRATION CRITERIA

Inorganic

Percent Recovery Limits

	--- Primary ---		-- Expanded ---	
	Low	High	Low	High
Cyanide	85.00	115.00	70.00	130.00
AA	90.00	110.00	75.00	125.00
ICP	90.00	110.00	75.00	125.00
Mercury	80.00	120.00	65.00	135.00

No problems found for this qualification.

CRDL Standards Report

Assembled By: ESAT
Date: April 23, 2002

SDG NO: ME00J8

DC-373: The following inorganic samples are associated with a CRDL standard with low percent recovery.

Mercury
ME00J8, ME00L4, ME00L5, ME00L6, PBS03

Zinc
ME00J8, ME00L4, ME00L5, ME00L6, PBS02

3. **BLANKS:**

Laboratory Blanks Report

SDG NO: ME00J8

LABORATORY BLANKS CRITERIA

DC-283: The following inorganic samples are associated with a blank analyte with negative concentration whose absolute value is greater than the instrument detection limit (IDL). Professional juggement should be used to qualify the data.

ME00J8
Cyanide

ME00J8D
Cyanide

ME00J8S
Cyanide

ME00L4
Cyanide

ME00L5
Cyanide

ME00L6
Cyanide

DC-284: The following inorganic samples are associated with a blank concentration which is greater than the instrument detection limit (IDL). The sample concentration is also greater than the IDL and less than five times the blank concentration. Hits are qualified "J"; non-detects are not flagged.

Beryllium
ME00J8, ME00J8D, ME00L5, ME00L6

DC-338: During review of the following inorganic samples, the reported IDL/default CRDL value was used for cyanide.

Assembled By: ESAT
Date: April 23, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J8
Laboratory: Compuchem

ME00J8, ME00J8D, ME00J8S, ME00L4, ME00L5, ME00L6

4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND LAB CONTROL SAMPLE:

Matrix Spike Report

SDG NO: ME00J8

MATRIX SPIKE CRITERIA

Inorganic

Percent Recovery Limits	
Upper	125.0
Lower	75.0
Extreme lower	30.0

PC-268: The following inorganic samples are associated with a matrix spike recovery which is low (30-74 %) indicating that sample results may be biased low.
Hits are qualified "J" and non-detects are qualified "UJ".

Antimony
ME00J8, ME00J8A, ME00J8D, ME00L4, ME00L5, ME00L6

Thallium
ME00J8, ME00J8A, ME00J8D, ME00L4, ME00L5, ME00L6

LCS Report

SDG NO: ME00J8

IC-331: The following inorganic soil samples are associated with a solid laboratory control sample (LCS) higher than the EPA control limit It are high, indicating a potential positive bias in the sample results. Hits are qualified "J", non-detects are acceptable.

Sodium
ME00J8, ME00J8D, ME00L4, ME00L5, ME00L6

5. LABORATORY AND FIELD DUPLICATE

Duplicates Report

SDG NO: ME00J8

Assembled By: ESAT
Date: April 23, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J8
Laboratory: Compuchem

No problems found for this qualification.

6. ICP ANALYSIS

ICS Report

SDG NO: ME00J8

DC-307: The following inorganic samples have no associated ICS analyses. Manual review of the data is required.

ME00J8
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00L4
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00L5
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

ME00L6
Aluminum, Antimony, Arsenic, Barium
Beryllium, Cadmium, Calcium, Chromium
Cobalt, Copper, Iron, Lead
Magnesium, Manganese, Nickel, Selenium
Silver, Thallium, Vanadium, Zinc

Serial Dilution Report

SDG NO: ME00J8

DC-294: The analyte concentration is high (>50 X the IDL) and serial dilution percent difference is not in criteria (>10%). Hits are qualified "J" and non-detects are qualified "UJ".

Potassium
ME00J8, ME00J8D, ME00L4, ME00L5, ME00L6

7. GFAA ANALYSIS

Assembled By: ESAT
Date: April 23, 2002

Case Number : 30305
Site Name: Laclede Steel

SDG Number: ME00J8
Laboratory: Compuchem

Furnace AA QC Report

SDG NO: ME00J8

No problems found for this qualification.

8. **SAMPLE RESULTS**

All data, except those qualified above, are acceptable.

Sample Result Verification Report

SDG NO: ME00J8

No problems found for this qualification.

Assembled By: ESAT
Date: April 23, 2002

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The data are unusable. (The compound may or may not be present)

Analytical Results (Qualified Data)

Case # 30305 SDG : ME00J8
Site : LACLEDE STEEL
Lab : LIBRTY
Reviewer
Date :

Number of Soil Samples : 4
Number of Water Samples : 0

Sample Number :	ME00J8		ME00L4		ME00L5		ME00L6		ME00J8D	
Sampling Location :	X207		X113		X114		X115		X207	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	03/20/2002		03/21/2002		03/21/2002		03/21/2002		03/20/2002	
Time Sampled :	12:15		16:10		16:15		16:30		12:15	
%Solids	53.2		88.1		71.4		77.0		53.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	5810		9190		7300		7260		5920	
ANTIMONY	0.84	J	0.34	UJ	1.8	J	0.61	J	0.95	J
ARSENIC	3.6		3.3		8.0		7.2		3.8	
BARIUM	4470		160		531		153		4460	
BERYLLIUM	0.41	J	1.4		0.55	J	0.46	J	0.43	J
CADMIUM	2.8		0.82		5.5		1.4		2.9	
CALCIUM	5450		58300		6040		3880		5400	
CHROMIUM	27.6		21.5		35.3		16.8		27.1	
COBALT	5.2		4.2		7.7		6.6		5.3	
COPPER	85.1		33.2		89.3		40.3		85.7	
IRON	12500		12900		18000		15000		14300	
LEAD	210		192		581		173		214	
MAGNESIUM	1670		9890		1400		1680		1680	
MANGANESE	666		946		1160		628		676	
MERCURY	0.19		0.060		0.17		0.33		0.23	
NICKEL	27.5		13.6		23.6		18.5		28.0	
POTASSIUM	738	J	1650	J	1090	J	1020	J	748	J
SELENIUM	1.6		1.4		2.0		1.2		1.8	
SILVER	0.19	U	0.11	U	0.42		0.13		0.19	U
SODIUM	1250	J	1430	J	2310	J	719	J	1250	J
THALLIUM	1.1	UJ	0.68	UJ	0.84	UJ	0.78	UJ	1.1	UJ
VANADIUM	19.1		27.8		23.5		21.4		19.2	
ZINC	602		397		1670		394		602	
CYANIDE	0.18		1.6		0.55		0.26		0.26	

DISCLAIMER. This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 30305 SDG : ME00J8
Site : LACLEDE STEEL
Lab. :
Reviewer :
Date :

Sample Number :	ME00J8S									
Sampling Location :	X207									
Matrix :	Soil									
Units	mg/Kg									
Date Sampled :	03/20/2002									
Time Sampled :	12:15									
%Solids :	53.2									
Dilution Factor :	1.0									
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM										
ANTIMONY	101									
ARSENIC	16.6									
BARIUM	5350									
BERYLLIUM	16.3									
CADMIUM	19.8									
CALCIUM										
CHROMIUM	100									
COBALT	173									
COPPER	175									
IRON	14200									
LEAD	227									
MAGNESIUM										
MANGANESE	872									
MERCURY	1.0									
NICKEL	198									
POTASSIUM										
SELENIUM	5.1									
SILVER	15.7									
SODIUM										
THALLIUM	9.1									
VANADIUM	192									
ZINC	811									
CYANIDE	10.3									

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

USEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30305
DAS No:
SDG No: ME00J2, ME00J8 **L**

Date Shipped: 3/22/02 Carrier Name: FedEx Airbill: 0706606434 Shipped to: Liberty Analytical 501 Madison Avenue Cary NC 27513 (919) 379-4080	Date Received/Received by: 3-23-02 Katherine E. Wrenn Lab Contract No: 68W00082 Unit Price: $79.57 Transfer To: Date Received/Received By: Lab Contract No: Price:	Sampler (Signature): Kenneth W. Corkill

Relinquished By:	Date / Time:	Received By:
KWC	3-22-02/1200	
Relinquished By:	Date / Time:	Received By:
Relinquished By:	Date / Time: 3-23-02/10:20	Received By: Katherine E. Wrenn

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00J2	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37903 (Ice Only) (1)	X201	3/20/02 15:00	E00J2	Good
ME00J3	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37909 (Ice Only) (1)	X202	3/20/02 9:30	E00J3	
ME00J4	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37913 (Ice Only) (1)	X203	3/20/02 10:00	E00J4	
ME00J5	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37917 (Ice Only) (1)	X204	3/20/02 10:00	E00J5	
ME00J6	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37921 (Ice Only) (1)	X205	3/20/02 10:30	E00J6	
ME00J7	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37925 (Ice Only) (1)	X206	3/20/02 11:30	E00J7	
ME00J8	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37929 (Ice Only) (1)	X207	3/20/02 12:15	E00J8	
ME00J9	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37933 (Ice Only) (1)	X208	3/20/02 13:00	E00J9	
ME00K0	Sediment/ Ken Corkill	L/G	TM/CN (21)	5-37937 (Ice Only) (1)	X209	3/20/02 13:45	E00K0	
~~ME00K1~~	~~Sediment/ Ken Corkill~~	~~L/G~~	~~TM/CN (21)~~	~~5-37941 (Ice Only) (1)~~	~~X210~~	~~3/20/02~~	~~E00K1~~	
ME00K2	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37941 (1)	X101	3/21/02 16:40		
ME00K3	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37942 (1)	X102	3/21/02 14:50		
ME00K4	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37943 (1)	X103	3/21/02 15:00		

COPY
ORIGINAL DOCUMENTS INCLUDED IN CSF- ME00
SIGNATURE [signature] DATE 3/23/0

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: ME00J4, ME00J5, ME00J8	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 2°	Chain of Custody Seal Number: 41889-92
Analysis Key: TM/CN = CLP TAL Total Metals and Cyanide	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

USEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30305
DAS No:
SDG No: ME00J2, ME00J8 L

Date Shipped: 3/22/02	Date Received/Received by: 3-23-02	Sampler (Signature):	
Carrier Name: FedEx	Lab Contract No: ____ Unit Price: ____	Relinquished By: Fed Ex	Date / Time: 3-22-02/1200
Airbill: 0706606434	Transfer To: ____	Relinquished By:	Date / Time:
Shipped to: Liberty Analytical, 501 Madison Avenue, Cary NC 27513, (919) 379-4080	Date Received/Received By: ____	Relinquished By:	Date / Time: 3-23-02/10:20
	Lab Contract No: ____ Price: ____		

Received By:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00K5	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37944 (1)	X104	3/21/02 15:05		Good
ME00K6	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37945 (1)	X105	3/21/02 15:15		
ME00K7	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37946 (1)	X106	3/21/02 15:20		
ME00K8	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37947 (1)	X107	3/21/02 15:25		
ME00K9	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37948 (1)	X108	3/21/02 15:30		
ME00L0	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37949 (1)	X109	3/21/02 15:30		
ME00L1	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37950 (1)	X110	3/21/02 15:45		
ME00L2	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37951 (1)	X111	3/21/02 15:50		
ME00L3	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37952 (1)	X112	3/21/02 16:00	SDG Final Sample.	
ME00L4	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37953 (1)	X113	3/21/02 16:10		

COPY
ORIGINAL DOCUMENTS INCLUDED IN CSF- ME00
SIGNATURE M. Shea DATE 3/23/02

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: ME00J4, ME00J5, ME00J8	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 2°	Chain of Custody Seal Number: 41889-92
Analysis Key: TM/CN = CLP TAL Total Metals and Cyanide	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ✓	Shipment Iced? ✓

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

USEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30305
DAS No:
SDG No: ME00J8

L

Date Shipped: 3/22/02 Carrier Name: FedEx Airbill: 0706606434 Shipped to: Liberty Analytical 501 Madison Avenue Cary NC 27513 (919) 379-4080	Date Received/Received by: 3-23-02 Katherine Ingram Lab Contract No: ____ Unit Price: ____ Transfer To: ____ Date Received/Received By: ____ Lab Contract No: ____ Price: ____	Sampler (Signature): Kenneth W. Corkill	
		Relinquished By: KWC	Date / Time: 3-22-02/1200	Received By:
		Relinquished By:	Date / Time:	Received By:
		Relinquished By:	Date / Time: 3-23-02/10:20	Received By: Katherine Ingram

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INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00L5	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37954 (1)	X114	3/21/02 16:15		Good
ME00L6	Surface Soil (0"-12")/ Ken Corkill	L/G	TM/CN (21)	5-37955 (1)	X115	3/21/02 16:30	SDG Final Sample.	

COPY
ORIGINAL DOCUMENTS INCLUDED IN CSF- ME00J2
SIGNATURE MSlo DATE 3/23/02

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: ME00J4, ME00J5, ME00J8	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 2°	Chain of Custody Seal Number: 41889-92
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ✓ Shipment Iced? ✓
TM/CN = CLP TAL Total Metals and Cyanide				

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

CompuChem
a Division of Liberty Analytical Corp.
501 Madison Avenue Cary, NC 27513

SDG NARRATIVE
CASE # 30305 SDG # ME00J8
CONTRACT # 68W00082

The indicated Sample Delivery Group (SDG) consisting of four (4) soil samples was received into the laboratory information management system (LIMS) on March 23, 2002, intact and in good condition with Chain of Custody (COC) Records in order, unless otherwise noted in any attachments or Quality Assurance Notices. Sample ID's reported in this data package are noted by the receiving department on the COC if they differ from those listed by the samplers on the COC.

The samples were analyzed, in accordance with EPA - CLP Statement of Work (SOW) document ILM04.1 for CLP TAL total metals and cyanide.

The correlation coefficients for the mercury and cyanide analytical runs are confirmed to be $\geq$ 0.9950.

The cooler temperature bottle was present with samples received on March 23, 2002, and sample temperature was 2 degrees Celsius.

The Laboratory Control Sample (LCS) for sodium analyzed outside the control limits established for that analyte. Sodium is present in the LCS below the CRDL. Thus, the control limits are only advisory limits.

EQUATIONS FOR SOLID SAMPLE CALCULATIONS:

Client sample ME00J8 is used for illustration.

Any sample result that is $\leq$ the instrument detection limit (IDL) will be entered at the IDL for that analyte.

ICP Equation:

Equation for obtaining metals sample results in mg/Kg as presented on FORM I data sheets from ICP instrument acquired results in ug/L (ppb).

$$\text{Concentration (\% solids) (mg/Kg)} \quad \frac{C \times D \times V}{W \times S}$$

Where
C = concentration (ug/L)
D = dilution factor
V = final volume in liters after sample preparation
W = weight in grams of wet sample
S = % solids/100

Example: aluminum result ug/L to mg/Kg.

$$\frac{15453.70 \text{ ug/L (C)} \times 1 \text{ (D)} \times 0.2 \text{ L (V)}}{1.0 \text{ g (W)} \times 0.532 \text{ (S)}} = 5809.66 \text{ mg/Kg reported as } 5810 \text{ mg/Kg}$$

Mercury Equation:

Equation for obtaining mercury sample results in mg/Kg as presented on FORM I data sheets from instrument acquired results in ug/L (ppb).

$$\frac{A \times D \times F}{B \times E}$$

Where
A = ug/L Hg
B = wet weight of sample
D = dilution factor to bring sample into analysis range
E = % solids/100
F = final volume in liters (0.1 L)

Example: mercury result ug/L to mg/Kg

$$\frac{0.1996 \text{ ug/L (A)} \times 1 \text{ (D)} \times 0.1 \text{ (F)}}{0.2 \text{ g (B)} \times 0.532 \text{ (E)}} = 0.1875 \text{ mg/Kg reported as } 0.19 \text{ mg/Kg}$$

Cyanide Equation:

Equation for obtaining cyanide sample results in mg/Kg as presented on FORM I data sheets from instrument acquired results in ug/L (ppb).

$$\frac{A \times D \times F}{B \times E}$$

Where
A = ug/L CN
B = wet weight of sample
D = dilution factor to bring sample into analysis range
E = % solids/100
F = final volume in liters (0 05 L)

Example: cyanide result ug/L to mg/Kg

$$\frac{1.948974 \text{ ug/L (A)} \times 1 \text{ (D)} \times 0.05 \text{ L (F)}}{1.00\text{g (B)} \times 0.532 \text{ (E)}} = 0.18317 \text{ mg/Kg reported as } 0.18 \text{ mg/Kg}$$

SAMPLE IDs:

The following customer IDs are associated with this SDG:

ME00J8 ME00L4 ME00L5 ME00L6

INSTRUMENTAL QUALITY CONTROL:

All calibration verification solutions (ICV & CCV), blanks (ICB, & CCB), and interference check samples (ICSA & ICSAB) associated with this data were confirmed to be within EPA CLP allowable limits.

SAMPLE PREPARATION QUALITY CONTROL:

The sample preparation procedure verifications (LCSS & PBS) were found to be within acceptable ranges and all field samples were prepared and analyzed within the contract specified holding times.

MATRIX RELATED QUALITY CONTROL:

The sample matrix spike, CCN = WG16503-1 (ME00J8S) was found to be outside CLP control limits for antimony and thallium. The reported concentrations for these analytes are flagged with an "N" on all associated Form 1 and on Form 5a.

An "N" indicates a matrix-related interference in the sample preparation procedure &/or analysis for the flagged analyte. This is normally the consequence of a relatively high anionic content in the sample or (for some sediments) an inconsistent sample matrix relative to that analyte.

CLP control limits for matrix spike recoveries are set at 75% to 125% of the analyte quantity added unless original sample concentrations exceed the true values of these "spikes" by a factor of four or more. In this case affected analytes are not flagged even if recoveries are outside percentage recovery control limits.

Post-digestion spikes are mandatory for analytes demonstrating unsatisfactory matrix spike recoveries during ICP analysis (excluding silver). The results of such spikes are presented on Form 5b.

Unsatisfactory recovery of post-digestion spikes of this type do not have bearing upon the aforementioned "N" flags, but may indicate interference during analysis &/or a solution matrix which is hostile to the analyte in question.

Satisfactory recovery of an analyte in a post-digestion spike of this type implies interference by the required preparation procedure or in the sample matrix itself. Lack of uniformity for an analyte in sediments will also result in satisfactory recovery of post-digestion spikes after failure in the related matrix spike.

The sample matrix duplicate, CCN = WG16503-2 (ME00J8D) was inside CLP control limits for the requested analytes.

CLP control limits for duplicate determinations are +/- 20% Relative Percent Difference (RPD) for concentrations greater than or equal to five times the CRDL in both the original and duplicate samples, and +/- the CRDL for concentrations less than five times the CRDL. The RPD is not calculated if both the original and duplicate values fall below the IDL.

A five-fold serial dilution of sample, CCN = ME00J8-1 (ME00J8L) was performed in accordance with CLP requirements for ICP analysis.

The adjusted sample concentrations were outside CLP control limits for potassium, which is flagged with an "E" on all associated Form 1, the Cover Page and Form 9.

An "E" indicates that a chemical or physical interference effect was encountered during the analysis of the flagged analyte. As a result of this interference, all values for the analyte in the same matrix must be considered to be estimated quantities.

CLP control limits for serial dilution are defined as a deviation less than or equal to 10% in the dilution-adjusted concentrations from the original values for all analyte concentrations with values greater than fifty (50) times their respective Instrument Detection Limit (IDL) in the original sample.

The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Thomas R. Cole
Data Reviewer II
April 10, 2002

CompuChem
a Division of Liberty Analytical Corp.
501 Madison Avenue Cary, NC 27513

DATA REPORTING QUALIFIERS FOR INORGANICS

On Form I, under the column labeled "C" for concentration qualifier and "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each analyte.

The C (concentration) qualifiers used are:

U: This flag indicates the analyte was analyzed for but not detected. This reported value was obtained from a reading that was less than the Instrument Detection Limit (IDL). The IDL will be adjusted to reflect any dilution and, for soils, the percent moisture.

B: This flag indicates the analyte was analyzed for and the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

The Q qualifiers used are:

E: This flag indicates an estimated value. This flag is used:

1. When the serial dilution (a five fold dilution for CLP and a five fold dilution for SW-846 method 6010B) results are not within 10%. The analyte concentration must be sufficiently high (minimally a factor of 50X above the IDL in the original sample).
2. When the analytical spike recovery associated with the sample is below 40% after two successive dilutions by Graphite Furnace Atomic Absorption (GFAA).

M: This flag applies to GFAA analyses for concentrations greater than the Contract Required Detection Limit (CRDL). This flag is only used for GFAA if the analytical sample or analytical spike duplicate injection reading is not within 20% of the Relative Standard Deviation (RSD).

N: This flag indicates the sample spike recovery is outside of control limits:

***:** This flag is used for duplicate analysis when the sample and the sample duplicate results are not within control limits.

S: This flag applies to GFAA analyses to indicate the reported value was determined by the Method Of Standard Addition (MSA).

W: This flag applies to GFAA analyses when the post-digestion spike (analytical spike) is out of control limits (85% - 115%), while sample absorbance is less than 50% of "spike" absorbance ["spike" is defined as (absorbance or concentration of spike sample) minus (absorbance or concentration of the sample)].

+: This flag applies to GFAA analyses when the correlation coefficient for the MSA is less than 0.995 after two MSA analyses.

NOTE: Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can appear in the same field for an analyte.

The extensions: D, S, SD, L. A, added to the end of the client ID represent as follows:

D:	matrix duplicate
S:	matrix spike
SD:	matrix spike duplicate
L:	serial dilution
A:	post digestion spike

Method Codes:

P:	ICP PLASMA
CV:	MERCURY COLD VAPOR AA
CA:	MIDI-DISTILLATION SPECTROPHOTOMETRIC
F:	FURNACE AA

U. S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

APR 1 2 2002

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J8

SOW No.: ILM04.1

EPA Sample No.	Lab Sample ID.
ME00J8	ME00J8-1
ME00J8D	WG16503-2
ME00J8S	WG16503-1
ME00L4	ME00J8-2
ME00L5	ME00J8-3
ME00L6	ME00J8-4

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: THE FOLLOWING ANALYTES HAVE BEEN FLAGGED WITH AN "E" TO INDICATE SERIAL DILUTION RESULTS WHICH ARE NOT WITHIN CONTROL LIMITS:
POTASSIUM

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 the Manager's designee, as verified by the following signature.

Signature: Thomas R. Cole Name: Thomas R. Cole

Date: April 10, 2002 Title: Data Reviewer II 3

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00J8

1 Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J8

Matrix (soil/water): SOIL Lab Sample ID: ME00J8-1

Level (low/med): LOW Date Received: 03/23/02

% Solids: 53.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5810			P
7440-36-0	Antimony	0.84	B	N	P
7440-38-2	Arsenic	3.6	B		P
7440-39-3	Barium	4470			P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	2.8			P
7440-70-2	Calcium	5450			P
7440-47-3	Chromium	27.6			P
7440-48-4	Cobalt	5.2	B		P
7440-50-8	Copper	85.1			P
7439-89-6	Iron	12500			P
7439-92-1	Lead	210			P
7439-95-4	Magnesium	1670	B		P
7439-96-5	Manganese	666			P
7439-97-6	Mercury	0.19	B		CV
7440-02-0	Nickel	27.5			P
7440-09-7	Potassium	738	B	E	P
7782-49-2	Selenium	1.6	B		P
7440-22-4	Silver	0.19	U		P
7440-23-5	Sodium	1250	B		P
7440-28-0	Thallium	1.1	U	N	P
7440-62-2	Vanadium	19.0			P
7440-66-6	Zinc	602			P
	Cyanide	0.18	B		CA

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00L4

1. Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J8

Matrix (soil/water): SOIL Lab Sample ID: ME00J8-2

Level (low/med): LOW Date Received: 03/23/02

% Solids: 88.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9190			P
7440-36-0	Antimony	0.34	U	N	P
7440-38-2	Arsenic	3.3			P
7440-39-3	Barium	160			P
7440-41-7	Beryllium	1.4			P
7440-43-9	Cadmium	0.82	B		P
7440-70-2	Calcium	58300			P
7440-47-3	Chromium	21.5			P
7440-48-4	Cobalt	4.2	B		P
7440-50-8	Copper	33.2			P
7439-89-6	Iron	12900			P
7439-92-1	Lead	192			P
7439-95-4	Magnesium	9890			P
7439-96-5	Manganese	946			P
7439-97-6	Mercury	0.057	B		CV
7440-02-0	Nickel	13.6			P
7440-09-7	Potassium	1640		E	P
7782-49-2	Selenium	1.4			P
7440-22-4	Silver	0.11	U		P
7440-23-5	Sodium	1430			P
7440-28-0	Thallium	0.68	U	N	P
7440-62-2	Vanadium	27.8			P
7440-66-6	Zinc	397			P
	Cyanide	1.6			CA

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

13

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00L5

Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J8

Matrix (soil/water): SOIL Lab Sample ID: ME00J8-3

Level (low/med): LOW Date Received: 03/23/02

% Solids: 71.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7300			P
7440-36-0	Antimony	1.8	B	N	P
7440-38-2	Arsenic	8.0			P
7440-39-3	Barium	531			P
7440-41-7	Beryllium	0.55	B		P
7440-43-9	Cadmium	5.5			P
7440-70-2	Calcium	6040			P
7440-47-3	Chromium	35.3			P
7440-48-4	Cobalt	7.7	B		P
7440-50-8	Copper	89.3			P
7439-89-6	Iron	18000			P
7439-92-1	Lead	581			P
7439-95-4	Magnesium	1400	B		P
7439-96-5	Manganese	1160			P
7439-97-6	Mercury	0.17			CV
7440-02-0	Nickel	23.6			P
7440-09-7	Potassium	1090	B	E	P
7782-49-2	Selenium	2.0			P
7440-22-4	Silver	0.42	B		P
7440-23-5	Sodium	2300			P
7440-28-0	Thallium	0.84	U	N	P
7440-62-2	Vanadium	23.5			P
7440-66-6	Zinc	1670			P
	Cyanide	0.55	B		CA

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00L6

1. Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG No.: ME00J8

Matrix (soil/water): SOIL Lab Sample ID: ME00J8-4

Level (low/med): LOW Date Received: 03/23/02

% Solids: 77.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7260			P
7440-36-0	Antimony	0.61	B	N	P
7440-38-2	Arsenic	7.2			P
7440-39-3	Barium	153			P
7440-41-7	Beryllium	0.46	B		P
7440-43-9	Cadmium	1.4			P
7440-70-2	Calcium	3880			P
7440-47-3	Chromium	16.8			P
7440-48-4	Cobalt	6.6	B		P
7440-50-8	Copper	40.3			P
7439-89-6	Iron	15000			P
7439-92-1	Lead	172			P
7439-95-4	Magnesium	1680			P
7439-96-5	Manganese	628			P
7439-97-6	Mercury	0.33			CV
7440-02-0	Nickel	18.5			P
7440-09-7	Potassium	1020	B	E	P
7782-49-2	Selenium	1.2	B		P
7440-22-4	Silver	0.13	B		P
7440-23-5	Sodium	719	B		P
7440-28-0	Thallium	0.78	U	N	P
7440-62-2	Vanadium	21.4			P
7440-66-6	Zinc	394			P
	Cyanide	0.26	B		CA

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

BLANKS

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	44.0	U	44.0	U	44.0	U	51.6	B	8.800	U	P
Antimony	1.5	U	1.5	U	1.5	U	1.5	U	0.300	U	P
Arsenic	1.7	U	1.7	U	1.7	U	1.7	U	0.340	U	P
Barium	0.8	U	0.8	U	0.8	U	0.8	U	0.160	U	P
Beryllium	0.3	U	0.3	B	0.4	B	0.4	B	0.060	U	P
Cadmium	0.3	U	0.4	B	0.5	B	0.6	B	0.060	U	P
Calcium	-59.0	B	34.5	U	34.5	U	34.5	U	6.900	U	P
Chromium	0.9	U	0.9	U	0.9	U	0.9	U	0.180	U	P
Cobalt	2.0	U	2.0	U	2.0	U	2.0	U	0.400	U	P
Copper	1.8	U	1.8	U	1.8	U	1.8	U	0.360	U	P
Iron	23.8	U	23.8	U	23.8	U	23.8	U	4.760	U	P
Lead	1.6	U	1.6	U	1.6	U	1.6	U	0.320	U	P
Magnesium	26.7	U	42.8	B	26.7	U	53.9	B	5.340	U	P
Manganese	0.3	U	0.3	B	0.6	B	0.4	B	0.060	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.050	U	CV
Nickel	1.0	U	1.0	U	1.0	U	1.0	U	0.202	B	P
Potassium	24.9	U	24.9	U	24.9	U	25.6	B	4.980	U	P
Selenium	1.9	U	1.9	U	1.9	U	1.9	U	0.380	U	P
Silver	0.5	U	0.5	U	0.5	U	0.5	U	0.100	U	P
Sodium	262.0	U	262.0	U	262.0	U	262.0	U	52.400	U	P
Thallium	3.0	U	3.0	U	3.0	U	3.0	U	0.600	U	P
Vanadium	1.7	U	1.7	U	1.7	U	1.7	U	0.340	U	P
Zinc	4.6	U	4.6	U	4.6	U	4.6	U	0.920	U	P
Cyanide	0.8	U	0.8	B	-.9	B	-1.0	B	0.040	U	CA

BLANKS

Lab Name: COMPUCHEM Contract: 68W00082

Code: LIBRTY Case No.: 30305 SAS No.: _____ SDG NO.: ME00J8

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV
Cyanide			-1.8	B	-1.0	B	-1.2	B			CA

BLANKS

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: _____ SDG NO.: ME00J8

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury			0.1	U	0.1	U	0.1	U			CV
Cyanide			-1.5	B	-1.2	B	-1.4	B			CA

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BLANKS

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: _____ SDG NO.: ME00J8

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Mercury			0.1	U							CV
Cyanide			-1.5	B							CA

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00J8S

Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 53.2

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	100.9319		0.8381	B	187.97	53.2	N	P
Arsenic	75 - 125	16.6489		3.5531	B	15.04	87.1		P
Barium		5351.8125		4472.3535		751.88	117.0		P
Beryllium	75 - 125	16.3233		0.4075	B	18.80	84.6		P
Cadmium	75 - 125	19.7546		2.8121		18.80	90.1		P
Chromium	75 - 125	100.2524		27.5757		75.19	96.6		P
Cobalt	75 - 125	173.0720		5.2184	B	187.97	89.3		P
Copper	75 - 125	175.2599		85.0657		93.98	96.0		P
Iron		14209.2764		12545.2939		375.94	442.6		P
Lead		226.7912		209.8958		7.52	224.7		P
Manganese	75 - 125	872.2745		666.4527		187.97	109.5		P
Mercury	75 - 125	1.0103		0.1876	B	0.94	87.5		CV
Nickel	75 - 125	197.9448		27.5452		187.97	90.6		P
Selenium	75 - 125	5.1226		1.6310	B	3.76	92.9		P
Silver	75 - 125	15.7077		0.1880	U	18.80	83.6		P
Thallium	75 - 125	9.1265		1.1278	U	18.80	48.5	N	P
Vanadium	75 - 125	192.3568		19.0556		187.97	92.2		P
Zinc	75 - 125	810.7294		601.6827		187.97	111.2		P
Cyanide	75 - 125	10.2679		0.1832	B	9.40	107.3		CA

Comments:

5B

POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00J8A

L. Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		114.02		2.23	B	120.0	93.2		P
Thallium		9.84	B	3.00	U	20.0	49.2		P

Comments:

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DUPLICATES

EPA SAMPLE NO.

ME00J8D

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 53.2 % Solids for Duplicate: 50.4

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		5809.6621		5916.6621		1.8		P
Antimony		0.8381	B	0.9517	B	12.7		P
Arsenic	3.8	3.5531	B	3.8445		7.9		P
Barium		4472.3535		4463.4585		0.2		P
Beryllium		0.4075	B	0.4254	B	4.3		P
Cadmium	1.9	2.8121		2.9122		3.5		P
Calcium	1879.7	5453.3013		5396.1016		1.0		P
Chromium		27.5757		27.1182		1.7		P
Cobalt		5.2184	B	5.3013	B	1.6		P
Copper		85.0657		85.6792		0.7		P
Cyanide		0.1832	B	0.2611	B	35.1		CA
Iron		12545.2939		14287.2109		13.0		P
Lead		209.8958		213.6205		1.8		P
Magnesium		1668.5197	B	1676.0356	B	0.4		P
Manganese		666.4527		676.1188		1.4		P
Mercury	0.2	0.1876	B	0.2344		22.2		CV
Nickel	15.0	27.5452		28.0313		1.7		P
Potassium		737.9572	B	747.8970	B	1.3		P
Selenium		1.6310	B	1.7536	B	7.2		P
Silver		0.1880	U	0.1880	U			P
Sodium		1254.6791	B	1249.4681	B	0.4		P
Thallium		1.1278	U	1.1278	U			P
Vanadium	18.8	19.0556		19.2369		0.9		P
Zinc		601.6827		602.2023		0.1		P

LABORATORY CONTROL SAMPLE

Lab Name: COMPUCHEM Contract: 68W00082

Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Solid LCS Source: EPA-LV

Aqueous LCS Source:

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				309.0	275.5		193.1	424.2	89.2
Antimony				213.0	223.7		129.4	297.2	105.0
Arsenic				930.0	914.8		613.6	1247.0	98.4
Barium				5.3	5.2		2.5	8.1	98.3
Beryllium				18.8	16.6		15.3	22.2	88.2
Cadmium				41.6	39.6		32.1	51.1	95.2
Calcium				184000.5	182616.5		142933.	225376.	99.2
Chromium				96.5	95.4		77.8	115.2	98.9
Cobalt				140.0	138.8		115.4	165.6	99.2
Copper				6680.0	6879.8		5727.3	7633.1	103.0
Iron				21000.0	21052.7		16831.3	25193.0	100.2
Lead				224.0	214.4		167.6	280.5	95.7
Magnesium				113000.0	115350.9		97493.0	128886.	102.1
Manganese				201.0	195.5		167.9	234.4	97.3
Mercury				12.3	10.4		7.8	16.9	84.6
Nickel				56.8	56.6		43.5	70.1	99.7
Potassium				102.4	61.0		0.0	379.3	59.6
Selenium				37.0	38.5		17.6	56.4	104.1
Silver				20.9	21.6		13.2	28.5	103.2
Sodium				92.8	439.2		0.0	277.4	473.2
Thallium				38.1	38.4		24.6	51.6	100.9
Vanadium				65.8	62.5		53.0	78.6	95.0
Zinc				175.0	179.0		127.7	222.1	102.3
Cyanide				5.6	6.2		4.3	6.9	111.0

ICP SERIAL DILUTIONS

EPA SAMPLE NO.

ME00J8L

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	15453.70		15293.75		1.0		P
Antimony	2.23	B	7.50	U	100.0		P
Arsenic	9.45	B	8.51	B	9.9		P
Barium	11896.46		11735.30		1.4		P
Beryllium	1.08	B	1.50	U	100.0		P
Cadmium	7.48		7.64	B	2.1		P
Calcium	14505.78		14234.49	B	1.9		P
Chromium	73.35		73.36		0.0		P
Cobalt	13.88	B	14.31	B	3.1		P
Copper	226.27		222.39		1.7		P
Iron	33370.48		33523.09		0.5		P
Lead	558.32		562.19		0.7		P
Magnesium	4438.26	B	4417.77	B	0.5		P
Manganese	1772.76		1792.21		1.1		P
Nickel	73.27		75.24	B	2.7		P
Potassium	1962.97	B	1714.71	B	12.6	E	P
Selenium	4.34	B	9.50	U	100.0		P
Silver	0.50	U	2.50	U			P
Sodium	3337.45	B	3904.23	B	17.0		P
Thallium	3.00	U	15.00	U			P
Vanadium	50.69		50.94	B	0.5		P
Zinc	1600.48		1588.81		0.7		P

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

ICP ID Number: P3 Date: 01/15/02

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	44.0	P
Antimony	206.84		60	1.5	P
Arsenic	189.04		10	1.7	P
Barium	493.41		200	0.8	P
Beryllium	313.04		5	0.3	P
Cadmium	226.50		5	0.3	P
Calcium	317.93		5000	34.5	P
Chromium	267.72		10	0.9	P
Cobalt	228.62		50	2.0	P
Copper	324.70		25	1.8	P
Iron	271.44		100	23.8	P
Lead	220.35		3	1.6	P
Magnesium	279.08		5000	26.7	P
Manganese	257.61		15	0.3	P
Nickel	231.60		40	1.0	P
Potassium	766.49		5000	24.9	P
Selenium	196.03		5	1.9	P
Silver	328.07		10	0.5	P
Sodium	330.23		5000	262.0	P
Thallium	190.86		10	3.0	P
Vanadium	292.40		50	1.7	P
Zinc	213.86		20	4.6	P

Comments:

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: COMPUCHEM Contract: 68W00082

Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

ICP ID Number: Date: 01/15/02

Flame AA ID Number: V2

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Mercury	253.70		0.2	0.1	CV

Comments:

48

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

ICP ID Number: Date: 01/15/02

Flame AA ID Number: C2

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Cyanide			10	0.8	CA

Comments:

PREPARATION LOG

Lab Name: CCMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Method: P

EPA Sample No.	Preparation Date	Weight (grams)	Volume (mL)
LCSS	03/28/02	1.00	200
ME00J8	03/28/02	1.00	200
ME00J8D	03/28/02	1.00	200
ME00J8S	03/28/02	1.00	200
ME00L4	03/28/02	1.00	200
ME00L5	03/28/02	1.00	200
ME00L6	03/28/02	1.00	200
PBS	03/28/02	1.00	200

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W00082

Lab Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Method: CV

EPA Sample No.	Preparation Date	Weight (grams)	Volume (mL)
LCSS	03/28/02	0.20	100
ME00J8	03/28/02	0.20	100
ME00J8D	03/28/02	0.20	100
ME00J8S	03/28/02	0.20	100
ME00L4	03/28/02	0.20	100
ME00L5	03/28/02	0.20	100
ME00L6	03/28/02	0.20	100
PBS	03/28/02	0.20	100

PREPARATION LOG

Lab Name: COMPUCHEM Contract: 68W00082

Code: LIBRTY Case No.: 30305 SAS No.: SDG NO.: ME00J8

Method: CA

EPA Sample No.	Preparation Date	Weight (grams)	Volume (mL)
LCSS	03/26/02	1.00	50
ME00J8	03/26/02	1.00	50
ME00J8D	03/26/02	1.00	50
ME00J8S	03/26/02	1.00	50
ME00L4	03/26/02	1.05	50
ME00L5	03/26/02	1.03	50
ME00L6	03/26/02	1.03	50
PBS	03/26/02	1.00	50

MAY 2 2 2002

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: May 22, 2002

SUBJECT: Review of Data
Received for Review on May 20, 2002

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

The data in this case has not been validated.
We have compiled the CADRE files into a narrative format for the following case:

SITE NAME: Laclede Steel

CASE NUMBER: 30448 SDG NUMBER: ME00T3

Number and Type of Samples: 16 soils

Sample Numbers: ME00T3-9; ME00W0-8

Laboratory: Sentinel Hrs. for Review: 2

Following are our findings:

CC: Cecilia Moore
Region 5 TPO
Mail Code: SM-5J

RECEIVED
MAY 2 8 2002
IEPA-BOL-FORS

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00T3
Laboratory: Sentinel

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

NUMBER (##) MATRIX samples numbered ##, were collected on DATE. The lab received the samples on DATE in good condition. All samples were analyzed for metals and cyanide. All samples were analyzed using CLP SOW ILM04.1 analysis procedures.

Mercury analysis was performed using a Cold Vapor AA Technique. Cyanide analysis was performed using the MIDI Distillation procedure. The remaining inorganic analyses were performed using an Inductively Coupled Plasma-Atomic Emission Spectrometric procedure.

Assembled By: ESAT
Date: May 22, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00T3
Laboratory: Sentinel

I. HOLDING TIME:

Holding Time Report

SDG NO: ME00T3

HOLDING TIME CRITERIA

Inorganic

	-- Holding Time --		------- pH -------	
	Primary	Expanded	Primary	Expanded
Metals	180	0	2.0	0.0
Mercury	28	0	2.0	0.0
Cyanide	14	0	12.0	0.0

DC-280: The following inorganic soil samples were reviewed for holding time violations using criteria developed for water samples.

ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3D
ME00W3S, ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

II. CALIBRATIONS:

Calibration Report

SDG NO: ME00T3

CALIBRATION CRITERIA

Inorganic

Percent Recovery Limits

	--- Primary ---		-- Expanded ---	
	Low	High	Low	High
Cyanide	85.00	115.00	70.00	130.00
AA	90.00	110.00	75.00	125.00
ICP	90.00	110.00	75.00	125.00
Mercury	80.00	120.00	65.00	135.00

DC-303: The following inorganic samples are associated with ICV or CCV percent recoveries within the range 111-125% (CN, 116-130%; Hg, 121-135%).
Hits are qualified "J" and non-detects are not flagged.

Assembled By: ESAT
Date: May 22, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00T3
Laboratory: Sentinel

Iron
ME00W0, ME00W1, ME00W2, ME00W4, ME00W5, ME00W6
ME00W7

CRDL Standards Report

SDG NO: ME00T3

DC-373: The following inorganic samples are associated with a CRDL standard with low percent recovery.

Mercury
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W4
ME00W5, ME00W6, ME00W7, ME00W8, PBS01

Thallium
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00W3, PBS03

DC-374: The following inorganic samples are associated with a CRDL standard with high percent recovery.
Hits and non-detects are flagged .

Chromium
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W4
ME00W5, ME00W6, ME00W7, ME00W8, PBS03

Lead
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W4
ME00W5, ME00W6, ME00W7, ME00W8, PBS03

Manganese
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W4
ME00W5, ME00W6, ME00W7, ME00W8, PBS03

Selenium
ME00T9, ME00W0, ME00W1, ME00W2, ME00W4, ME00W5
ME00W6, ME00W7, ME00W8

Zinc
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W4
ME00W5, ME00W6, ME00W7, ME00W8, PBS03

3. **BLANKS:**

Laboratory Blanks Report

SDG NO: ME00T3

Assembled By: ESAT
Date: May 22, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00T3
Laboratory: Sentinel

LABORATORY BLANKS CRITERIA

DC-283: The following inorganic samples are associated with a blank analyte with negative concentration whose absolute value is greater than the instrument detection limit (IDL). Professional judgement should be used to qualify the data.

ME00T9
Aluminum, Antimony

ME00W0
Aluminum, Antimony

ME00W1
Aluminum, Antimony

ME00W2
Aluminum, Antimony

ME00W4
Aluminum, Antimony

ME00W5
Aluminum, Antimony

ME00W6
Aluminum, Antimony

ME00W7
Aluminum, Antimony

ME00W8
Aluminum, Antimony

DC-284: The following inorganic samples are associated with a blank concentration which is greater than the instrument detection limit (IDL). The sample concentration is also greater than the IDL and less than five times the blank concentration. Hits are qualified "J"; non-detects are not flagged.

Magnesium
ME00T5

Nickel
ME00W3A

Thallium
ME00T3, ME00W1, ME00W2, ME00W3, ME00W3D, ME00W4
ME00W7

DC-338: During review of the following inorganic samples, the reported IDL/default CRDL value was used for cyanide.

ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3A
ME00W3D, ME00W3S, ME00W4, ME00W5, ME00W6, ME00W7
ME00W8

4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND LAB CONTROL SAMPLE:

Assembled By: ESAT
Date: May 22, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00T3
Laboratory: Sentinel

Matrix Spike Report

SDG NO: ME00T3

MATRIX SPIKE CRITERIA

Inorganic

Percent Recovery Limits

Upper	125.0
Lower	75.0
Extreme Lower	30.0

DC-167: The following inorganic samples are associated with a matrix spike recovery which is high (>125%)
Hits are qualified "J" and non-detects are not flagged.

Nickel
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3A
ME00W3D, ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

DC-169: The following inorganic samples are associated with a matrix spike recovery which is extremely low (<30 %) indicating that sample results may be biased low.
Hits are qualified "J" and non-detects are qualified "R".

Cyanide
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3A
ME00W3D, ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

LCS Report

SDG NO: ME00T3

DC-331 The following inorganic soil samples are associated with a solid laboratory control sample (LCS) higher than the EPA control limit it are high, indicating a potential positive bias in the sample results. Hits are qualified "J", non-detects are acceptable.

Sodium
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3D
ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

5. LABORATORY AND FIELD DUPLICATE

Duplicates Report

Assembled By: ESAT
Date: May 22, 2002

SDG NO: ME00T3

DC-156: The following inorganic samples are associated with duplicate results which did not meet relative percent difference (RPD) criteria.
Hits are qualified "J" and non-detects are qualified "UJ".

Cadmium
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3S
ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

Chromium
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3S
ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

Lead
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3S
ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

6. ICP ANALYSIS

ICS Report

SDG NO: ME00T3

DC-312: The following inorganic samples have elements other than Al, Ca, Fe, and Mg at concentrations higher than 10 ppm that may cause potential interference.
Hits are flagged "J" and non-detects are qualified "UJ".

Chromium
ME00T7, ME00T8, ME00T9, ME00W2, ME00W4

Copper
ME00T9

Lead
ME00T8, ME00W2

Manganese
ME00T6, ME00T7, ME00T8, ME00T9, ME00W1, ME00W2

Potassium
ME00T9

Sodium
ME00T3, ME00T4, ME00T6, ME00T7, ME00T8, ME00T9
ME00W0, ME00W1, ME00W2, ME00W3, ME00W4, ME00W5
ME00W6, ME00W7, ME00W8

Zinc
ME00T4, ME00T8, ME00T9, ME00W2, ME00W3, ME00W4

Assembled By: ESAT
Date: May 22, 2002

DC-313: The results >IDL are obvserved for elements which are not present in the ICS, the possibility of false positives exists. The hits are qualified as estimated (J).

Antimony
ME00T9

Sodium
ME00T5

Serial Dilution Report

SDG NO: ME00T3

DC-295: The following inorganic samples are associated with an ICP serial dilution percent difference which is not in criteria. The serial dilution result is greater than the sample result, indicating a potential negative interference. The data must be qualified using professional judgement. Hits are qualified "J", non-detects "UJ".

Magnesium
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3D
ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

Sodium
ME00T3, ME00T4, ME00T5, ME00T6, ME00T7, ME00T8
ME00T9, ME00W0, ME00W1, ME00W2, ME00W3, ME00W3D
ME00W4, ME00W5, ME00W6, ME00W7, ME00W8

7. GFAA ANALYSIS

Furnace AA QC Report

SDG NO: ME00T3

No problems found for this qualification.

8. SAMPLE RESULTS

All data, except those qualified above, are acceptable.

Sample Result Verification Report

SDG NO: ME00T3

No problems found for this qualification.

Assembled By: ESAT
Date: May 22, 2002

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The data are unusable. (The compound may or may not be present)

Analytical Results (Qualified Data)

Case # 30443 SDG : ME00T3
Site : LACLEDE STEEL
Lab. : SENTIN
Reviewer :
Date :

Number of Soil Samples : 16
Number of Water Samples : 0

Sample Number :	ME00T3		ME00T4		ME00T5		ME00T6		ME00T7	
Sampling Location :	X303		X306		X311		X301		X302	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	10:30		11:15		11:45		12:15		14:10	
%Solids :	90.5		81.1		100.0		89.4		95.3	
Dilution Factor	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	9830		18500		57.4		18000		17500	
ANTIMONY	1.8		6.2		1.6		0.85	U	0.80	U
ARSENIC	13.3		25.5		10.9		3.8		3.7	
BARIUM	202		443		1.7		340		478	
BERYLLIUM	0.86		1.4		0.060	U	0.96		0.94	
CADMIUM	6.5	J	61.9	J	0.10	UJ	2.9	J	1.4	J
CALCIUM	139000		95700		301		163000		187000	
CHROMIUM	565	J	426	J	207	J	1960	J	2540	J
COBALT	7.7		10.6		5.2		4.2		4.3	
COPPER	379		340		308		158		173	
IRON	81600		72200		62800		90700		112000	
LEAD	1300	J	2400	J	3.5	J	308	J	145	J
MAGNESIUM	9830	J	37200	J	61.1	J	30000	J	33900	J
MANGANESE	8410		12100		682		24700	J	26600	J
MERCURY	0.76		0.11		0.050	U	0.060	U	0.050	U
NICKEL	65.5	J	76.4	J	125	J	31.2	J	38.9	J
POTASSIUM	683		1240		35.7		891		293	
SELENIUM	3.9		4.7		2.7		7.9		8.1	
SILVER	2.1		3.8		2.4		1.9		2.1	
SODIUM	3660	J	13900	J	826	J	2750	J	2540	J
THALLIUM	4.0	J	5.4		2.9		7.8		6.7	
VANADIUM	56.9		124		14.5		339		591	
ZINC	1730		8520	J	25.9		969		816	
CYANIDE	0.040	R	0.040	R	0.040	R	0.040	R	0.040	R

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Analytical Results (Qualified Data)

Case # 30448 SDG : ME00T3
Site LACLEDE STEEL
Lab. : SENTIN
Reviewer :
Date :

Sample Number :	ME00T8		ME00T9		ME00W0		ME00W1		ME00W2	
Sampling Location :	X308		X309		X304		X305		X314	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	13:35		13:45		15:00		16:00		16:20	
%Solids :	95.3		97.5		83.0		90.4		55.8	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	9160		4790		8120		27300		3390	
ANTIMONY	15.6		65.1	J	1.0		0.84	U	18.2	
ARSENIC	20.3		38.0		15.1		1.5		54.7	
BARIUM	374		351		215		475		215	
BERYLLIUM	0.18		0.27		0.52		2.1		0.45	
CADMIUM	151	J	439	J	12.3	J	1.1	J	223	J
CALCIUM	92700		63900		58300		166000		80400	
CHROMIUM	2360	J	2200	J	346	J	1800	J	4070	J
COBALT	15.7		16.5		8.7		4.6		21.4	
COPPER	1310		2100	J	235		143		1250	
IRON	276000		270000		57500	J	80300	J	164000	J
LEAD	4170	J	15900	J	598	J	373	J	5720	J
MAGNESIUM	13400	J	19500	J	10900	J	36200	J	4690	J
MANGANESE	32000	J	33000	J	8200		31700	J	3630	J
MERCURY	2.3		8.4		0.060	U	0.060	U	1.5	
NICKEL	138	J	163	J	40.6	J	25.5	J	281	J
POTASSIUM	302		4780	J	1000		1180		350	
SELENIUM	13.3		19.8		3.3		10.0		7.4	
SILVER	16.3		55.1		2.3		1.6		20.4	
SODIUM	140000	J	189000	J	3710	J	2950	J	62000	J
THALLIUM	10.9		10.5		4.6		3.9	J	6.1	J
VANADIUM	290		173		75.1		262		43.3	
ZINC	78700	J	132000	J	2090		769		42700	J
CYANIDE	0.040	R	1.9	J	0.040	R	0.040	R	0.060	R

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Analytical Results (Qualified Data)

Case # 30448 SDG : ME00T3
Site : LACLEDE STEEL
Lab. : SENTIN
Reviewer :
Date :

Sample Number :	ME00W3		ME00W4		ME00W5		ME00W6		ME00W7	
Sampling Location :	X315		X316		X317		X318		X319	
Matrix	Soil		Soil		Soil		Soil		Soil	
Units	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	04/29/2002		04/29/2002		04/29/2002		04/29/2002		04/29/2002	
Time Sampled :	16:35		16:50		17:30		17:50		18:00	
%Solids	84.8		77.3		73.3		78.0		50.2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	1650		3560		951		948		1280	
ANTIMONY	9.5		3.0		12.7		20.1		72.5	
ARSENIC	37.1		27.7		44.0		50.7		31.7	
BARIUM	92.5		120		40.2		53.4		103	
BERYLLIUM	0.070	U	0.35		0.090		0.080	U	0.19	
CADMIUM	13.8	J	8.7	J	1.1	J	0.75	J	3.9	J
CALCIUM	34700		43700		11300		12700		23500	
CHROMIUM	1610	J	2960	J	405	J	259	J	756	J
COBALT	12.2		10.5		22.7		150		17.4	
COPPER	1030		594		1120		690		734	
IRON	87100		73400	J	185000	J	188000	J	154000	J
LEAD	435	J	412	J	88.6	J	382	J	1080	J
MAGNESIUM	1520	J	3590	J	928	J	1000	J	1120	J
MANGANESE	1360		2120		2430		1580		1280	
MERCURY	0.060	U	0.28		0.070	U	0.060	U	0.10	U
NICKEL	195	J	138	J	344	J	219	J	183	J
POTASSIUM	116		271		142		127		145	
SELENIUM	3.6		3.6		6.7		8.5		5.8	
SILVER	5.2		3.8		5.8		5.7		5.5	
SODIUM	5540	J	5000	J	2920	J	2720	J	5500	J
THALLIUM	2.8	J	3.3	J	8.0		7.8		5.1	J
VANADIUM	31.2		41.9		43.6		8.2		15.8	
ZINC	3360	J	3110	J	634		454		2820	
CYANIDE	0.040	R	0.050	R	0.050	R	0.050	R	0.070	R

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Analytical Results (Qualified Data)

Case # 30448 SDG : ME00T3
Site : LACLEDE STEEL
Lab. : SENTIN
Reviewer
Date :

Sample Number :	ME00W8		ME00W3D		ME00W3S					
Sampling Location :	X320		X315		X315					
Matrix	Soil		Soil		Soil					
Units :	mg/Kg		mg/Kg		mg/Kg					
Date Sampled :	04/29/2002		04/29/2002		04/29/2002					
Time Sampled :	18:20		16:35		16:35					
%Solids	68.2		83.5		84.8					
Dilution Factor :	1.0		1.0		1.0					
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	1320		1940							
ANTIMONY	37.7		0.99		117					
ARSENIC	39.5		43.7		48.2					
BARIUM	67.7		130		594					
BERYLLIUM	0.13		0.16		12.3					
CADMIUM	2.1	J	22.9		28.4	J				
CALCIUM	17200		26600							
CHROMIUM	476	J	4190		1160	J				
COBALT	29.9		12.3		137					
COPPER	1100		988		1180					
IRON	303000		77600							
LEAD	457	J	649		507	J				
MAGNESIUM	1380	J	1470	J						
MANGANESE	2530		1260		1580					
MERCURY	0.070	U	0.060	U	0.55					
NICKEL	322	J	195	J	347					
POTASSIUM	132		119							
SELENIUM	10.1		4.2		5.8					
SILVER	9.5		5.4		17.3					
SODIUM	4210	J	6640	J						
THALLIUM	10.9		2.6	J	17.2					
VANADIUM	22.6		35.8		154					
ZINC	756		4280		3770					
CYANIDE	0.15	J	0.040	R	0.92					

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USEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30448
DAS No: T3 RH
SDG No: ME00X0 5/3/02 **L**

Date Shipped: 5/1/02 Carrier Name: UPS Airbill: 1Z 621 589 22 1002 030 6 Shipped to: Sentinel Inc. 116 Washington Street, NE Huntsville AL 35801 (256) 534-9800	Date Received/Received by: 5/2/02 [illegible] Lab Contract No: 68W00085 Unit Price: 100.00 Transfer To: Date Received/Received By: Lab Contract No: Price:	Sampler (Signature): Bob Casper Relinquished By: Bob Casper Relinquished By: Relinquished By:	Date / Time: 5/1/02 10:00 Date / Time: 0922 Date / Time: RH 5/2/02 0922
			Received By: Received By: Received By: [illegible]

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00T3	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66774 (Ice Only) (1)	X303	4/29/02 10:30	E00T3	
ME00T4	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66778 (Ice Only) (1)	X306	4/29/02 11:15	E00T4	
ME00T5	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66782 (Ice Only) (1)	X311	4/29/02 11:45		
ME00T6	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66783 (Ice Only) (1)	X301	4/29/02 12:15	E00T6	
ME00T7	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66787 (Ice Only) (1)	X302	4/29/02 14:10	E00T7	
ME00T8	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66791 (Ice Only) (1)	X308	4/29/02 13:35		
ME00T9	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66792 (Ice Only) (1)	X309	4/29/02 13:45		
ME00W0	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66793 (Ice Only) (1)	X304	4/29/02 15:00	E00W0	
ME00W1	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66797 (Ice Only) (1)	X305	4/29/02 16:00		
ME00W2	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66798 (Ice Only) (1)	X314	4/29/02 16:20	E00W2	
ME00W3	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66802 (Ice Only) (1)	X315	4/29/02 16:35	E00W3	
ME00W4	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66806 (Ice Only) (1)	X316	4/29/02 16:50	E00W4	
ME00W5	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66810 (Ice Only) (1)	x317	4/29/02 17:30	E00W5	
ME00W6	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66814 (Ice Only) (1)	x318	4/29/02 17:50	E00W6	
ME00W7	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66818 (Ice Only) (1)	x319	4/29/02 18:00	E00W7	

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: ME00X1 ME00W3	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 5.5, 6.5, 6.5°C	Chain of Custody Seal Number: 22607 - 22609
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y
CN = Cyanide, DM = CLP TAL Dissolved Metals, TM = CLP TAL Total Metals, TM/CN = CLP TAL Total Metals and Cyanide				

PR provides preliminary results. Requests for preliminary resuls will increase analytical costs.
Send Copy t ;ntract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, V. ²91-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-050102-0002

USEPA Contract Laboratory Program
Inorganic Traffic Report

jic 5/15/02

05/02/02

Case No: 30448
DAS No:
SDG No: MEØØT3

L

Date Shipped: 5/1/02 Carrier Name: UPS Airbill: 1Z 621 589 22 1002 030 6 Shipped to: Sentinel Inc. 116 Washington Street, NE Huntsville AL 35801 (256) 534-9800	Date Received/Received By: 5/1/02 Rebecca Lutheran Lab Contract No: 68W00085 Unit Price: 100ØØ Transfer To: Date Received/Received By: Lab Contract No: Price:	Sampler (Signature): Bob Casper Relinquished By: Bob Casper — Date / Time: 5/1/02 10:00 — Received By: Relinquished By: — Date / Time: — Received By: Relinquished By: — Date / Time: 5/1/02 0902 — Received By: Rebecca Lutheran

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00W8	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66822 (Ice Only) (1)	x320	4/29/02 18:20	E00W8	
ME00X0	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66826 (Ice Only), 5-66831 (Ice Only) (2)	G210	4/30/02 9:15	E00X0	
ME00X1	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66832 (Ice Only), 5-66833 (Ice Only), 5-66834 (Ice Only), 5-66847 (Ice Only), 5-66848 (Ice Only), 5-66849 (Ice Only) (6)	G201	4/30/02 9:30	E00X1	
ME00X3	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66850 (Ice Only), 5-66855 (Ice Only) (2)	G203	4/30/02 10:45	E00X3	
ME00X4	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66856 (Ice Only), 5-66861 (Ice Only) (2)	G204	4/30/02 10:45	E00X4	
ME00X5	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66862 (Ice Only), 5-66867 (Ice Only) (2)	G202	4/30/02 11:55	E00X5	
ME00X6	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66868 (Ice Only), 5-66873 (Ice Only) (2)	G205	4/30/02 11:40	E00X6	
ME00X7	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66874 (Ice Only), 5-66879 (Ice Only) (2)	G206	4/30/02 13:20	E00X7	
ME00X9	Ground Water/ Bob Casper	L/G	DM (21)	5-66881 (Ice Only) (1)	G202 F	4/30/02 11:55		
ME00Y0	Ground Water/ Bob Casper	L/G	DM (21)	5-66882 (Ice Only) (1)	G203 F	4/30/02 10:45		
ME00Y1	Ground Water/ Bob Casper	L/G	DM (21)	5-66883 (Ice Only) (1)	G204 F	4/30/02 10:45		
ME00Y2	Ground Water/ Bob Casper	L/G	DM (21)	5-66884 (Ice Only) (1)	G205 F	4/30/02 11:40		
ME00Y3	Ground Water/ Bob Casper	L/G	DM (21)	5-66885 (Ice Only) (1)	G206 F	4/30/02 13:20		

Documents Are Included In CSF ME00X0

Copy

Signature: Rebecca Lutheran

Date: 5/1/02

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	ME00X1 ME00W3		5.5, 6.5, 6.5°C	22607 - 22609

Analysis Key: Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G — Custody Seal Intact? Y — Shipment Iced? Y

CN = Cyanide, DM = CLP TAL Dissolved Metals, TM = CLP TAL Total Metals, TM/CN = CLP TAL Total Metals and Cyanide

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, 20191-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-050102-0002

MAY 20 2002

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

SOW No.: ILM04.1

EPA SAMPLE NO.	Lab Sample ID.
ME00T3	44420S
ME00T4	44421S
ME00T5	44422S
ME00T6	44423S
ME00T7	44424S
ME00T8	44425S
ME00T9	44426S
ME00W0	44427S
ME00W1	44428S
ME00W2	44429S
ME00W3	44430S
ME00W3D	44430S2
ME00W3S	44430MS
ME00W4	44431S
ME00W5	44432S
ME00W6	44433S
ME00W7	44434S
ME00W8	44435S

Were ICP interelement corrections applied? Yes/No YES
Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

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

Signature:

Name: BRIGIGure Title: QACfa Date: 5/15/02

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00T3

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44420S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 90.5

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9830			P
7440-36-0	Antimony	1.8	B		P
7440-38-2	Arsenic	13.3			P
7440-39-3	Barium	202			P
7440-41-7	Beryllium	0.86	B		P
7440-43-9	Cadmium	6.5		*	P
7440-70-2	Calcium	139000		*	P
7440-47-3	Chromium	565		*	P
7440-48-4	Cobalt	7.7	B		P
7440-50-8	Copper	379			P
7439-89-6	Iron	81600			P
7439-92-1	Lead	1300		*	P
7439-95-4	Magnesium	9830		E	P
7439-96-5	Manganese	8410			P
7439-97-6	Mercury	0.76			CV
7440-02-0	Nickel	65.5		N	P
7440-09-7	Potassium	683	B		P
7782-49-2	Selenium	3.9			P
7440-22-4	Silver	2.1	B		P
7440-23-5	Sodium	3660		E	P
7440-28-0	Thallium	4.0			P
7440-62-2	Vanadium	56.9			P
7440-66-6	Zinc	1730		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00T5

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44422S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 100.0

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	57.4			P
7440-36-0	Antimony	1.6	B		P
7440-38-2	Arsenic	10.9			P
7440-39-3	Barium	1.7	B		P
7440-41-7	Beryllium	0.06	U		P
7440-43-9	Cadmium	0.10	U	*	P
7440-70-2	Calcium	301	B	*	P
7440-47-3	Chromium	207		*	P
7440-48-4	Cobalt	5.2	B		P
7440-50-8	Copper	308			P
7439-89-6	Iron	62800			P
7439-92-1	Lead	3.5		*	P
7439-95-4	Magnesium	61.1	B	E	P
7439-96-5	Manganese	682			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	125		N	P
7440-09-7	Potassium	35.7	B		P
7782-49-2	Selenium	2.7			P
7440-22-4	Silver	2.4			P
7440-23-5	Sodium	826	B	E	P
7440-28-0	Thallium	2.9			P
7440-62-2	Vanadium	14.5			P
7440-66-6	Zinc	25.9		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

. ME00T6

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44423S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 89.4

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18000			P
7440-36-0	Antimony	0.85	U		P
7440-38-2	Arsenic	3.8			P
7440-39-3	Barium	340			P
7440-41-7	Beryllium	0.96	B		P
7440-43-9	Cadmium	2.9		*	P
7440-70-2	Calcium	163000		*	P
7440-47-3	Chromium	1960		*	P
7440-48-4	Cobalt	4.2	B		P
7440-50-8	Copper	158			P
7439-89-6	Iron	90700			P
7439-92-1	Lead	308		*	P
7439-95-4	Magnesium	30000		E	P
7439-96-5	Manganese	24700			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	31.2		N	P
7440-09-7	Potassium	891	B		P
7782-49-2	Selenium	7.9			P
7440-22-4	Silver	1.9	B		P
7440-23-5	Sodium	2750		E	P
7440-28-0	Thallium	7.8			P
7440-62-2	Vanadium	339			P
7440-66-6	Zinc	969		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00T7

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44424S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 95.3

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17500			P
7440-36-0	Antimony	0.80	U		P
7440-38-2	Arsenic	3.7			P
7440-39-3	Barium	478			P
7440-41-7	Beryllium	0.94	B		P
7440-43-9	Cadmium	1.4		*	P
7440-70-2	Calcium	187000		*	P
7440-47-3	Chromium	2540		*	P
7440-48-4	Cobalt	4.3	B		P
7440-50-8	Copper	173			P
7439-89-6	Iron	112000			P
7439-92-1	Lead	145		*	P
7439-95-4	Magnesium	33900		E	P
7439-96-5	Manganese	26600			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	38.9		N	P
7440-09-7	Potassium	293	B		P
7782-49-2	Selenium	8.1			P
7440-22-4	Silver	2.1			P
7440-23-5	Sodium	2540		E	P
7440-28-0	Thallium	6.7			P
7440-62-2	Vanadium	591			P
7440-66-6	Zinc	816		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00T8

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44425S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 95.3

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	9160			P
7440-36-0	Antimony	15.6			P
7440-38-2	Arsenic	20.3			P
7440-39-3	Barium	374			P
7440-41-7	Beryllium	0.18	B		P
7440-43-9	Cadmium	151		*	P
7440-70-2	Calcium	92700		*	P
7440-47-3	Chromium	2360		*	P
7440-48-4	Cobalt	15.7			P
7440-50-8	Copper	1310			P
7439-89-6	Iron	276000			P
7439-92-1	Lead	4170		*	P
7439-95-4	Magnesium	13400		E	P
7439-96-5	Manganese	32000			P
7439-97-6	Mercury	2.3			CV
7440-02-0	Nickel	138		N	P
7440-09-7	Potassium	302	B		P
7782-49-2	Selenium	13.3			P
7440-22-4	Silver	16.3			P
7440-23-5	Sodium	140000		E	P
7440-28-0	Thallium	10.9			P
7440-62-2	Vanadium	290			P
7440-66-6	Zinc	78700		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00T9

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44426S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 97.5

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4790			P
7440-36-0	Antimony	65.1			P
7440-38-2	Arsenic	38.0			P
7440-39-3	Barium	351			P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	439		*	P
7440-70-2	Calcium	63900		*	P
7440-47-3	Chromium	2200		*	P
7440-48-4	Cobalt	16.5			P
7440-50-8	Copper	2100			P
7439-89-6	Iron	270000			P
7439-92-1	Lead	15900		*	P
7439-95-4	Magnesium	19500		E	P
7439-96-5	Manganese	33000			P
7439-97-6	Mercury	8.4			CV
7440-02-0	Nickel	163		N	P
7440-09-7	Potassium	4780			P
7782-49-2	Selenium	19.8			P
7440-22-4	Silver	55.1			P
7440-23-5	Sodium	189000		E	P
7440-28-0	Thallium	10.5			P
7440-62-2	Vanadium	173			P
7440-66-6	Zinc	132000		*	P
	Cyanide	1.9		N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGAI C ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00W0

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44427S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 83.0

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8120			P
7440-36-0	Antimony	1.0	B		P
7440-38-2	Arsenic	15.1			P
7440-39-3	Barium	215			P
7440-41-7	Beryllium	0.52	B		P
7440-43-9	Cadmium	12.3		*	P
7440-70-2	Calcium	58300		*	P
7440-47-3	Chromium	346		*	P
7440-48-4	Cobalt	8.7	B		P
7440-50-8	Copper	235			P
7439-89-6	Iron	57500			P
7439-92-1	Lead	598		*	P
7439-95-4	Magnesium	10900		E	P
7439-96-5	Manganese	8200			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	40.6		N	P
7440-09-7	Potassium	1000	B		P
7782-49-2	Selenium	3.3			P
7440-22-4	Silver	2.3	B		P
7440-23-5	Sodium	3710		E	P
7440-28-0	Thallium	4.6			P
7440-62-2	Vanadium	75.1			P
7440-66-6	Zinc	2090		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00W1

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44428S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 90.4

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27300			P
7440-36-0	Antimony	0.84	U		P
7440-38-2	Arsenic	1.5	B		P
7440-39-3	Barium	475			P
7440-41-7	Beryllium	2.1			P
7440-43-9	Cadmium	1.1		*	P
7440-70-2	Calcium	166000		*	P
7440-47-3	Chromium	1800		*	P
7440-48-4	Cobalt	4.6	B		P
7440-50-8	Copper	143			P
7439-89-6	Iron	80300			P
7439-92-1	Lead	373		*	P
7439-95-4	Magnesium	36200		E	P
7439-96-5	Manganese	31700			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	25.5		N	P
7440-09-7	Potassium	1180			P
7782-49-2	Selenium	10.0			P
7440-22-4	Silver	1.6	B		P
7440-23-5	Sodium	2950		E	P
7440-28-0	Thallium	3.9			P
7440-62-2	Vanadium	262			P
7440-66-6	Zinc	769		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00W2

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44429S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 55.8

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3390			P
7440-36-0	Antimony	18.2	B		P
7440-38-2	Arsenic	54.7			P
7440-39-3	Barium	215			P
7440-41-7	Beryllium	0.45	B		P
7440-43-9	Cadmium	223		*	P
7440-70-2	Calcium	80400		*	P
7440-47-3	Chromium	4070		*	P
7440-48-4	Cobalt	21.4			P
7440-50-8	Copper	1250			P
7439-89-6	Iron	164000			P
7439-92-1	Lead	5720		*	P
7439-95-4	Magnesium	4690		E	P
7439-96-5	Manganese	3630			P
7439-97-6	Mercury	1.5			CV
7440-02-0	Nickel	281		N	P
7440-09-7	Potassium	350	B		P
7782-49-2	Selenium	7.4			P
7440-22-4	Silver	20.4			P
7440-23-5	Sodium	62000		E	P
7440-28-0	Thallium	6.1			P
7440-62-2	Vanadium	43.3			P
7440-66-6	Zinc	42700		*	P
	Cyanide	0.06	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00W3

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44430S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 84.8

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1650			P
7440-36-0	Antimony	9.5	B		P
7440-38-2	Arsenic	37.1			P
7440-39-3	Barium	92.5			P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	13.8		*	P
7440-70-2	Calcium	34700		*	P
7440-47-3	Chromium	1610		*	P
7440-48-4	Cobalt	12.2			P
7440-50-8	Copper	1030			P
7439-89-6	Iron	87100			P
7439-92-1	Lead	435		*	P
7439-95-4	Magnesium	1520		E	P
7439-96-5	Manganese	1360			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	195		N	P
7440-09-7	Potassium	116	B		P
7782-49-2	Selenium	3.6			P
7440-22-4	Silver	5.2			P
7440-23-5	Sodium	5540		E	P
7440-28-0	Thallium	2.8			P
7440-62-2	Vanadium	31.2			P
7440-66-6	Zinc	3360		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00W4

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44431S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 77.3

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3560			P
7440-36-0	Antimony	3.0	B		P
7440-38-2	Arsenic	27.7			P
7440-39-3	Barium	120			P
7440-41-7	Beryllium	0.35	B		P
7440-43-9	Cadmium	8.7		*	P
7440-70-2	Calcium	43700		*	P
7440-47-3	Chromium	2960		*	P
7440-48-4	Cobalt	10.5	B		P
7440-50-8	Copper	594			P
7439-89-6	Iron	73400			P
7439-92-1	Lead	412		*	P
7439-95-4	Magnesium	3590		E	P
7439-96-5	Manganese	2120			P
7439-97-6	Mercury	0.28			CV
7440-02-0	Nickel	138		N	P
7440-09-7	Potassium	271	B		P
7782-49-2	Selenium	3.6			P
7440-22-4	Silver	3.8			P
7440-23-5	Sodium	5000		E	P
7440-28-0	Thallium	3.3			P
7440-62-2	Vanadium	41.9			P
7440-66-6	Zinc	3110		*	P
	Cyanide	0.05	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00W5

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44432S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 73.3

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	951			P
7440-36-0	Antimony	12.7	B		P
7440-38-2	Arsenic	44.0			P
7440-39-3	Barium	40.2	B		P
7440-41-7	Beryllium	0.09	B		P
7440-43-9	Cadmium	1.1	B	*	P
7440-70-2	Calcium	11300		*	P
7440-47-3	Chromium	405		*	P
7440-48-4	Cobalt	22.7			P
7440-50-8	Copper	1120			P
7439-89-6	Iron	185000			P
7439-92-1	Lead	88.6		*	P
7439-95-4	Magnesium	928	B	E	P
7439-96-5	Manganese	2430			P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	344		N	P
7440-09-7	Potassium	142	B		P
7782-49-2	Selenium	6.7			P
7440-22-4	Silver	5.8			P
7440-23-5	Sodium	2920		E	P
7440-28-0	Thallium	8.0			P
7440-62-2	Vanadium	43.6			P
7440-66-6	Zinc	634		*	P
	Cyanide	0.05	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00W6

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44433S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 78.0

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	948			P
7440-36-0	Antimony	20.1			P
7440-38-2	Arsenic	50.7			P
7440-39-3	Barium	53.4			P
7440-41-7	Beryllium	0.08	U		P
7440-43-9	Cadmium	0.75	B	*	P
7440-70-2	Calcium	12700		*	P
7440-47-3	Chromium	259		*	P
7440-48-4	Cobalt	150			P
7440-50-8	Copper	690			P
7439-89-6	Iron	188000			P
7439-92-1	Lead	382		*	P
7439-95-4	Magnesium	1000	B	E	P
7439-96-5	Manganese	1580			P
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel	219		N	P
7440-09-7	Potassium	127	B		P
7782-49-2	Selenium	8.5			P
7440-22-4	Silver	5.7			P
7440-23-5	Sodium	2720		E	P
7440-28-0	Thallium	7.8			P
7440-62-2	Vanadium	8.2	B		P
7440-66-6	Zinc	454		*	P
	Cyanide	0.05	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00W7

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44434S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 50.2

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1280			P
7440-36-0	Antimony	72.5			P
7440-38-2	Arsenic	31.7			P
7440-39-3	Barium	103			P
7440-41-7	Beryllium	0.19	B		P
7440-43-9	Cadmium	3.9		*	P
7440-70-2	Calcium	23500		*	P
7440-47-3	Chromium	756		*	P
7440-48-4	Cobalt	17.4	B		P
7440-50-8	Copper	734			P
7439-89-6	Iron	154000			P
7439-92-1	Lead	1080		*	P
7439-95-4	Magnesium	1120	B	E	P
7439-96-5	Manganese	1280			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	183		N	P
7440-09-7	Potassium	145	B		P
7782-49-2	Selenium	5.8			P
7440-22-4	Silver	5.5			P
7440-23-5	Sodium	5500		E	P
7440-28-0	Thallium	5.1			P
7440-62-2	Vanadium	15.8	B		P
7440-66-6	Zinc	2820		*	P
	Cyanide	0.07	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

.ME00W8

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44435S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 68.2

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1320			P
7440-36-0	Antimony	37.7			P
7440-38-2	Arsenic	39.5			P
7440-39-3	Barium	67.7			P
7440-41-7	Beryllium	0.13	B		P
7440-43-9	Cadmium	2.1		*	P
7440-70-2	Calcium	17200		*	P
7440-47-3	Chromium	476		*	P
7440-48-4	Cobalt	29.9			P
7440-50-8	Copper	1100			P
7439-89-6	Iron	303000			P
7439-92-1	Lead	457		*	P
7439-95-4	Magnesium	1380	B	E	P
7439-96-5	Manganese	2530			P
7439-97-6	Mercury	0.07	U		CV
7440-02-0	Nickel	322		N	P
7440-09-7	Potassium	132	B		P
7782-49-2	Selenium	10.1			P
7440-22-4	Silver	9.5			P
7440-23-5	Sodium	4210		E	P
7440-28-0	Thallium	10.9			P
7440-62-2	Vanadium	22.6			P
7440-66-6	Zinc	756		*	P
	Cyanide	0.15	B	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

3

BLANKS

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	-31.2	B	66.1	B	-40.0	B	48.1	B	3.700	U	P
Antimony	3.8	U	3.8	U	3.8	U	3.8	U	0.760	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	0.600	U	P
Barium	1.2	B	1.7	B	1.3	B	1.3	B	0.080	U	P
Beryllium	0.3	U	0.3	U	0.3	U	0.3	U	0.060	U	P
Cadmium	-0.5	B	0.5	U	0.5	U	0.5	U	0.100	U	P
Calcium	95.7	U	95.7	U	95.7	U	139.8	B	27.647	B	P
Chromium	0.8	U	0.8	U	1.5	B	1.0	B	0.160	U	P
Cobalt	1.2	U	1.2	U	1.2	U	1.2	U	0.240	U	P
Copper	1.4	U	1.4	U	1.4	U	1.4	U	0.280	U	P
Iron	17.0	U	40.6	B	54.8	B	96.8	B	3.400	U	P
Lead	2.8	U	2.8	U	2.8	U	3.1		0.560	U	P
Magnesium	24.8	U	92.2	B	24.8	U	84.3	B	4.960	U	P
Manganese	0.4	U	0.4	U	3.2	B	10.3	B	0.080	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.050	U	CV
Nickel	1.7	U	1.7	U	1.7	U	1.7	U	0.340	U	P
Potassium	38.5	B	18.1	U	18.1	U	18.1	U	3.620	U	P
Selenium	2.4	B	2.7	B	2.5	B	2.2	U	0.440	U	P
Silver	1.1	U	1.3	B	1.2	B	1.1	U	0.220	U	P
Sodium	357.7	B	301.7	U	301.7	U	301.7	U	60.340	U	P
Thallium	3.5	U	4.4	B	3.5	U	3.5	U	0.700	U	P
Vanadium	0.7	B	0.9	B	1.1	B	0.7	U	0.141	B	P
Zinc	1.4	U	1.4	U	3.5	B	13.6	B	0.280	U	P
Cyanide	0.7	U	0.7	U	0.7	U			0.035	U	CA

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BLANKS

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			-70.6	B	25.8	B					P
Antimony			-5.3	B	3.8	U					P
Arsenic			3.0	U	3.0	U					P
Barium			1.0	B	1.0	B					P
Beryllium			0.3	U	0.3	U					P
Cadmium			0.5	U	0.5	U					P
Calcium			95.7	U	95.7	U					P
Chromium			1.1	B	1.0	B					P
Cobalt			1.2	U	1.2	U					P
Copper			1.4	U	-1.6	B					P
Iron			176.2		115.4						P
Lead			3.9		3.0						P
Magnesium			-35.4	B	59.0	B					P
Manganese			7.7	B	5.8	B					P
Mercury			0.1	U							CV
Nickel			1.7	U	1.7	U					P
Potassium			18.1	U	18.1	U					P
Selenium			2.2	U	2.9	B					P
Silver			1.1	U	1.1	U					P
Sodium			301.7	U	301.7	U					P
Thallium			3.6	B	3.7	B					P
Vanadium			0.7	U	1.2	B					P
Zinc			15.8	B	12.9	B					P
Cyanide	0.7	U	0.7	U	0.7	U	0.7	U			CA

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BLANKS

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic											NR
Barium											NR
Beryllium											NR
Cadmium											NR
Calcium											NR
Chromium											NR
Cobalt											NR
Copper											NR
Iron	17.0	U	30.4	B	37.3	B	45.7	B			P
Lead	2.8	U	2.8	U	2.8	U					P
Magnesium											NR
Manganese	0.4	U	0.4	U	6.1	B	0.9	B			P
Mercury	0.1	U	0.1	U	0.1	U					CV
Nickel	2.5	B	2.2	B	1.9	B	1.7	U			P
Potassium											NR
Selenium											NR
Silver											NR
Sodium	301.7	U	301.7	U	301.7	U	301.7	U			P
Thallium											NR
Vanadium											NR
Zinc	1.8	B	1.4	U	19.2	B	3.0	B			P
Cyanide											NR

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SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00W3S

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 84.8

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	75-125	117.4587		9.5494	B	117.92	91.5		P
Arsenic	75-125	48.1847		37.1464		9.43	117.1		P
Barium	75-125	593.6018		92.4669		471.70	106.2		P
Beryllium	75-125	12.2793		0.0708	U	11.79	104.2		P
Cadmium	75-125	28.4227		13.7825		11.79	124.2		P
Calcium									NR
Chromium		1163.1212		1612.9578		47.17	-953.6		P
Cobalt	75-125	137.4668		12.1659		117.92	106.3		P
Copper		1175.5252		1027.8225		58.96	250.5		P
Iron									NR
Lead		506.8987		434.9859		4.72	1523.6		P
Magnesium									NR
Manganese		1575.5997		1356.5182		117.92	185.8		P
Mercury	75-125	0.5548		0.0590	U	0.59	94.0		CV
Nickel	75-125	347.1854		194.9633		117.92	129.1	N	P
Potassium									NR
Selenium	75-125	5.8165		3.6355		2.36	92.4		P
Silver	75-125	17.3176		5.2207		11.79	102.6		P
Sodium									NR
Thallium	75-125	17.1957		2.7949		11.79	122.1		P
Vanadium	75-125	153.8016		31.2112		117.92	104.0		P
Zinc		3772.6024		3364.0838		117.92	346.4		P
Cyanide	75-125	0.9183		0.0413	U	5.90	15.6	N	CA

Comments:

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POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00W3A

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel		2349.54		826.64		1653.3	92.1		P
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide		11.72		0.70	U	20.0	58.6		CA

Comments:

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DUPLICATES

EPA SAMPLE NO.

ME00W3D

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 84.8 % Solids for Duplicate: 83.5

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1652.3176		1943.2871		16.2		P
Antimony		9.5494	B	0.9914	B	162.4		P
Arsenic		37.1464		43.7312		16.3		P
Barium	47.2	92.4669		130.4907		34.1		P
Beryllium		0.0708	U	0.1580	B	200.0		P
Cadmium		13.7825		22.8609		49.5	*	P
Calcium		34652.7307		26612.5212		26.2	*	P
Chromium		1612.9578		4194.0206		88.9	*	P
Cobalt	11.8	12.1659		12.2513		0.7		P
Copper		1027.8225		987.9638		4.0		P
Iron		87078.9175		77570.4340		11.5		P
Lead		434.9859		649.3723		39.5	*	P
Magnesium	1179.2	1518.5269		1471.7161		3.1		P
Manganese		1356.5182		1255.4305		7.7		P
Mercury		0.0590	U	0.0590	U			CV
Nickel		194.9633		194.6947		0.1		P
Potassium		116.1231	B	119.4216	B	2.8		P
Selenium	1.2	3.6355		4.1903		14.2		P
Silver	2.4	5.2207		5.4001		3.4		P
Sodium	1179.2	5537.7545		6639.7933		18.1		P
Thallium	2.4	2.7949		2.5709		8.3		P
Vanadium	11.8	31.2112		35.8089		13.7		P
Zinc		3364.0838		4279.4355		24.0	*	P
Cyanide		0.0413	U	0.0413	U			CA

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LABORATORY CONTROL SAMPLE

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Solid LCS Source: EPA LCS0996

Aqueous LCS Source:

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				309.0	290.9		193.1	424.2	94.1
Antimony				213.0	270.2		129.4	297.2	126.9
Arsenic				930.0	988.2		613.6	1247.0	106.3
Barium				5.3	5.8	B	2.5	8.1	109.4
Beryllium				18.8	20.1		15.3	22.2	106.9
Cadmium				41.6	44.8		32.1	51.1	107.7
Calcium				184000.5	164668.9		142933.0	225376.0	89.5
Chromium				96.5	103.9		77.8	115.2	107.7
Cobalt				140.0	148.2		115.4	165.6	105.9
Copper				6680.0	7101.7		5727.3	7633.1	106.3
Iron				21000.0	21325.8		16831.3	25193.0	101.6
Lead				224.0	226.0		167.6	280.5	100.9
Magnesium				113000.0	120502.7		97493.0	128886.0	106.6
Manganese				201.0	226.7		167.9	234.4	112.8
Mercury				12.3	10.0		7.8	16.9	81.3
Nickel				56.8	61.8		43.5	70.1	108.8
Potassium				102.4	56.0	B	0.0	379.3	54.7
Selenium				37.0	40.2		17.6	56.4	108.6
Silver				20.9	22.8		13.2	28.5	109.1
Sodium				92.8	440.8	B	0.0	277.4	475.0
Thallium				38.1	39.4		24.6	51.6	103.4
Vanadium				65.8	72.2		53.0	78.6	109.7
Zinc				175.0	166.9		127.7	222.1	95.4
Cyanide				5.6	4.3		4.1	7.1	76.8

ICP SERIAL DILUTIONS

EPA SAMPLE NO.

ME00W3L

Lab Name: Sentinel, Inc. Contract: 68-W-C0-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	7005.83		7503.54		7.1		P
Antimony	40.49	B	37.95	B	6.3		P
Arsenic	157.50		168.15		6.8		P
Barium	392.06		394.24	B	0.6		P
Beryllium	0.30	U	1.50	U			P
Cadmium	58.44		58.93		0.8		P
Calcium	146927.58		153708.51		4.6		P
Chromium	6838.94		6995.12		2.3		P
Cobalt	51.58		54.17	B	5.0		P
Copper	4357.97		4413.27		1.3		P
Iron	369214.61		379387.46		2.8		P
Lead	1844.34		1909.68		3.5		P
Magnesium	6438.55		7117.55	B	10.5	E	P
Manganese	5751.64		5905.30		2.7		P
Mercury							NR
Nickel	826.64		844.16		2.1		P
Potassium	492.36	B	927.32	B	88.3		P
Selenium	15.41		31.66		105.5		P
Silver	22.14		27.89	B	26.0		P
Sodium	23480.08		27775.59		18.3	E	P
Thallium	11.85		34.85	B	194.1		P
Vanadium	132.34		136.52	B	3.2		P
Zinc	14263.72		15072.45		5.7		P

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

ICP ID Number: P3 Date: 04/15/02

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.20		200	18.5	P
Antimony	206.80		60	3.8	P
Arsenic	189.00		10	3.0	P
Barium	493.40		200	0.4	P
Beryllium	313.00		5	0.3	P
Cadmium	226.50		5	0.5	P
Calcium	317.90		5000	95.7	P
Chromium	267.70		10	0.8	P
Cobalt	228.60		50	1.2	P
Copper	324.70		25	1.4	P
Iron	271.40		100	17.0	P
Lead	220.30		3	2.8	P
Magnesium	279.00		5000	24.8	P
Manganese	257.60		15	0.4	P
Mercury			0.2		NR
Nickel	231.60		40	1.7	P
Potassium	766.40		5000	18.1	P
Selenium	196.00		5	2.2	P
Silver	328.00		10	1.1	P
Sodium	330.20		5000	301.7	P
Thallium	190.80		10	3.5	P
Vanadium	292.40		50	0.7	P
Zinc	206.20		20	1.4	P
Cyanide			10		NR

Comments:
P3: THERMO JARRELL ASH

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

ICP ID Number: Date: 04/15/02

Flame AA ID Number: C5

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.70		0.2	0.1	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR
Cyanide			10		NR

Comments:
C5: CETAC M6000

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

ICP ID Number: Date: 04/15/02

Flame AA ID Number: C1

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury			0.2		NR
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR
Cyanide	580.00		10	0.7	CA

Comments:
C1: LACHAT

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PREPARATION LOG

Lab Name: Sentinel, Inc. Contract: 68-W-00-085 .

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	05/07/02	1.00	200
ME00T3	05/07/02	1.00	200
ME00T4	05/07/02	1.00	200
ME00T5	05/07/02	1.00	200
ME00T6	05/07/02	1.00	200
ME00T7	05/07/02	1.00	200
ME00T8	05/07/02	1.00	200
ME00T9	05/07/02	1.00	200
ME00W0	05/07/02	1.00	200
ME00W1	05/07/02	1.00	200
ME00W2	05/07/02	1.00	200
ME00W3	05/07/02	1.00	200
ME00W3D	05/07/02	1.00	200
ME00W3S	05/07/02	1.00	200
ME00W4	05/07/02	1.00	200
ME00W5	05/07/02	1.00	200
ME00W6	05/07/02	1.00	200
ME00W7	05/07/02	1.00	200
ME00W8	05/07/02	1.00	200
PBS	05/07/02	1.00	200

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PREPARATION LOG

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	05/06/02	0.20	100
ME00T3	05/06/02	0.20	100
ME00T4	05/06/02	0.20	100
ME00T5	05/06/02	0.20	100
ME00T6	05/06/02	0.20	100
ME00T7	05/06/02	0.20	100
ME00T8	05/06/02	0.20	100
ME00T9	05/06/02	0.20	100
ME00W0	05/06/02	0.20	100
ME00W1	05/06/02	0.20	100
ME00W2	05/06/02	0.20	100
ME00W3	05/06/02	0.20	100
ME00W3D	05/06/02	0.20	100
ME00W3S	05/06/02	0.20	100
ME00W4	05/06/02	0.20	100
ME00W5	05/06/02	0.20	100
ME00W6	05/06/02	0.20	100
ME00W7	05/06/02	0.20	100
ME00W8	05/06/02	0.20	100
PBS	05/06/02	0.20	100

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PREPARATION LOG

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Method: CA

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	05/07/02	1.00	50
ME00T3	05/07/02	1.00	50
ME00T4	05/07/02	1.00	50
ME00T5	05/07/02	1.00	50
ME00T6	05/07/02	1.00	50
ME00T7	05/07/02	1.00	50
ME00T8	05/07/02	1.00	50
ME00T9	05/07/02	1.00	50
ME00W0	05/07/02	1.00	50
ME00W1	05/07/02	1.00	50
ME00W2	05/07/02	1.00	50
ME00W3	05/07/02	1.00	50
ME00W3D	05/07/02	1.00	50
ME00W3S	05/07/02	1.00	50
ME00W4	05/07/02	1.00	50
ME00W5	05/07/02	1.00	50
ME00W6	05/07/02	1.00	50
ME00W7	05/07/02	1.00	50
ME00W8	05/07/02	1.00	50
PBS	05/07/02	1.00	50
S100	05/07/02		50

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00T4

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00T3

Matrix (soil/water): SOIL Lab Sample ID: 44421S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 81.1

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18500			P
7440-36-0	Antimony	6.2	B		P
7440-38-2	Arsenic	25.5			P
7440-39-3	Barium	443			P
7440-41-7	Beryllium	1.4			P
7440-43-9	Cadmium	61.9		*	P
7440-70-2	Calcium	95700		*	P
7440-47-3	Chromium	426		*	P
7440-48-4	Cobalt	10.6	B		P
7440-50-8	Copper	340			P
7439-89-6	Iron	72200			P
7439-92-1	Lead	2400		*	P
7439-95-4	Magnesium	37200		E	P
7439-96-5	Manganese	12100			P
7439-97-6	Mercury	0.11	B		CV
7440-02-0	Nickel	76.4		N	P
7440-09-7	Potassium	1240			P
7782-49-2	Selenium	4.7			P
7440-22-4	Silver	3.8			P
7440-23-5	Sodium	13900		E	P
7440-28-0	Thallium	5.4			P
7440-62-2	Vanadium	124			P
7440-66-6	Zinc	8520		*	P
	Cyanide	0.04	U	N	CA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

UNITED STATE ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: May 24, 2002

SUBJECT: Review of Data
Received for Review on May 22, 2002

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

The data in this case has not been validated.
We have compiled the CADRE files into a narrative format for the following case:

SITE NAME: Laclede Steel

CASE NUMBER: 30448 SDG NUMBER: ME00X0

Number and Type of Samples: 16 waters

Sample Numbers: ME00X0,1,3-7,9; ME00Y0-5,8,9

Laboratory: Sentinel Hrs. for Review: 2

Following are our findings:

RECEIVED
MAY 2 8 2002
IEPA-BOL-FSRS

CC: Cecilia Moore
Region 5 TPO
Mail Code: SM-5J

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00X0
Laboratory: Sentinel

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

NUMBER (##) MATRIX samples numbered ##, were collected on DATE. The lab received the samples on DATE in good condition. All samples were analyze for metals and cyanide. All samples were analyzed using CLP SOW ILM04.1 analysis procedures.

Mercury analysis was performed using a Cold Vapor AA Technique. Cyanide analysis was performed using the MIDI Distillation procedure. The remaining inorganic analyses were performed using an Inductively Coupled Plasma-Atomic Emission Spectrometric procedure.

Assembled By: ESAT
Date: May 24, 2002

Case Number : 30443
Site Name: Laclede Steel

SDG Number: ME00X0
Laboratory: Sentinel

1. HOLDING TIME:

Holding Time Report

SDG NO: ME00X0

HOLDING TIME CRITERIA

Inorganic

	-- Holding Time --		------- pH -------	
	Primary	Expanded	Primary	Expanded
Metals	180	0	2.0	0.0
Mercury	28	0	2.0	0.0
Cyanide	14	0	12.0	0.0

No problems found for this qualification.

2. CALIBRATIONS:

Calibration Report

SDG NO: ME00X0

CALIBRATION CRITERIA

Inorganic

Percent Recovery Limits

	--- Primary ---		-- Expanded ---	
	Low	High	Low	High
Cyanide	85.00	115.00	70.00	130.00
AA	90.00	110.00	75.00	125.00
ICP	90.00	110.00	75.00	125.00
Mercury	80.00	120.00	65.00	135.00

No problems found for this qualification.

CRDL Standards Report

SDG NO: ME00X0

Assembled By: ESAT
Date: May 24, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00X0
Laboratory: Sentinel

DC-373: The following inorganic samples are associated with a CRDL standard with low percent recovery.

Lead
ME00X0, ME00X1, ME00X3, ME00X4, ME00X5, ME00X6
ME00X7, ME00X9, ME00Y0, ME00Y1, ME00Y2, ME00Y3
ME00Y4, ME00Y5, ME00Y8, ME00Y9, PBW03

Mercury
ME00X0, ME00X1, ME00X3, ME00X4, ME00X5, ME00X6
ME00X7, ME00X9, ME00Y0, ME00Y1, ME00Y2, ME00Y3
ME00Y4, ME00Y5, ME00Y8, ME00Y9, PBW02

Thallium
ME00X0, ME00X1, ME00X3, ME00X4, ME00X5, ME00X6
ME00X7, ME00X9, ME00Y0, ME00Y1, ME00Y2, ME00Y3
ME00Y4, ME00Y5, ME00Y8, ME00Y9, PBW03

DC-374: The following inorganic samples are associated with a CRDL standard with high percent recovery.
Hits and non-detects are flagged .

Arsenic
ME00X3, ME00X4, ME00X5, ME00X6, ME00X7, ME00X9
ME00Y0, ME00Y1, ME00Y2, ME00Y3, ME00Y4, ME00Y5
ME00Y8

Selenium
ME00X0, ME00X1, ME00X3, ME00X4, ME00X5, ME00X6
ME00X7, ME00X9, ME00Y0, ME00Y1, ME00Y2, ME00Y3
ME00Y4, ME00Y5, ME00Y8, ME00Y9, PBW03

3. BLANKS:

Laboratory Blanks Report

SDG NO: ME00X0

LABORATORY BLANKS CRITERIA

DC-283: The following inorganic samples are associated with a blank analyte with negative concentration whose absolute value is greater than the instrument detection limit (IDL). Professional judgement should be used to qualify the data.

ME00X0
Aluminum, Calcium, Iron, Magnesium
Sodium, Thallium

ME00X1
Aluminum, Calcium, Iron, Magnesium
Sodium, Thallium

ME00X1D
Aluminum, Calcium, Iron, Magnesium

Assembled By: ESAT
Date: May 24, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00X0
Laboratory: Sentinel

Sodium, Thallium

ME00X1S
Aluminum, Iron, Thallium

ME00X3
Aluminum, Iron, Magnesium

ME00X4
Aluminum, Iron, Magnesium

ME00X5
Aluminum, Iron, Magnesium

ME00X6
Aluminum, Iron, Magnesium

ME00X7
Aluminum, Iron, Magnesium

ME00X9
Aluminum, Iron, Magnesium

ME00Y0
Aluminum, Iron, Magnesium

ME00Y1
Aluminum, Iron, Magnesium

ME00Y2
Aluminum, Iron, Magnesium

ME00Y3
Aluminum, Iron, Magnesium

ME00Y4
Aluminum, Iron, Magnesium

ME00Y5
Aluminum, Iron, Magnesium

ME00Y8
Aluminum, Iron, Magnesium

ME00Y9
Aluminum, Calcium, Iron, Magnesium
Sodium, Thallium

ME00Y9D
Aluminum, Calcium, Iron, Magnesium
Sodium, Thallium

ME00Y9S
Aluminum, Iron, Thallium

DB-284: The following inorganic samples are associated with a blank concentration which is greater than the instrument detection limit (IDL). The sample concentration is also greater than the IDL and less than five times the blank concentration. Hits are qualified "J"; non-detects are not flagged.

Manganese
ME00X3, ME00X4, ME00Y0, ME00Y1, ME00Y5

Potassium

Assembled By: ESAT
Date: May 24, 2002

ME00X0

Selenium
ME00X1, ME00X1D, ME00X1S, ME00X3, ME00X4, ME00X5
ME00X6, ME00X7, ME00Y0, ME00Y2, ME00Y3, ME00Y4
ME00Y5, ME00Y9, ME00Y9D, ME00Y9S

Cyanide
ME00X3, ME00X4, ME00X6, ME00X7, ME00Y8

DC-338: During review of the following inorganic samples, the reported IDL/default CRDL value was used for cyanide.

ME00X0, ME00X1, ME00X1D, ME00X1S, ME00X3, ME00X4
ME00X5, ME00X6, ME00X7, ME00Y8

4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND LAB CONTROL SAMPLE:

Matrix Spike Report

SDG NO: ME00X0

MATRIX SPIKE CRITERIA

Inorganic

Percent Recovery Limits	
Upper	125.0
Lower	75.0
Extreme lower	30.0

No problems found for this qualification.

LCS Report

SDG NO: ME00X0

No problems found for this qualification.

5. LABORATORY AND FIELD DUPLICATE

Duplicates Report

SDG NO: ME00X0

No problems found for this qualification.

Assembled By: ESAT
Date: May 24, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00X0
Laboratory: Sentinel

6. ICP ANALYSIS

ICS Report

SDG NO: ME00X0

DC-312: The following inorganic samples have elements other than Al, Ca, Fe, and Mg at concentrations higher than 10 ppm that may cause potential interference.
Hits are flagged "J" and non-detects are qualified "UJ".

Manganese
ME00Y4, ME00Y8

Potassium
ME00X1, ME00X3, ME00X4, ME00Y1, ME00Y9

Sodium
ME00X1, ME00X3, ME00X4, ME00X5, ME00X6, ME00X7
ME00X9, ME00Y0, ME00Y1, ME00Y2, ME00Y3, ME00Y4
ME00Y8, ME00Y9

Serial Dilution Report

SDG NO: ME00X0

DC-194: The analyte concentration is high (>50 X the IDL) and serial dilution percent difference is not in criteria (>10%).
Hits are qualified "J" and non-detects are qualified "UJ".

Aluminum
ME00X0, ME00X1, ME00X1D, ME00X1S, ME00X3, ME00X4
ME00X5, ME00X6, ME00X7, ME00X9, ME00Y0, ME00Y1
ME00Y2, ME00Y3, ME00Y4, ME00Y5, ME00Y8, ME00Y9
ME00Y9D, ME00Y9S

7. GFAA ANALYSIS

Furnace AA QC Report

SDG NO ME00X0

No problems found for this qualification.

8. SAMPLE RESULTS

All data, except those qualified above, are acceptable.

Assembled By: ESAT
Date: May 24, 2002

Case Number : 30448
Site Name: Laclede Steel

SDG Number: ME00X0
Laboratory: Sentinel

Sample Result Verification Report

SDG NO: ME00X0

No problems found for this qualification.

Assembled By: ESAT
Date: May 24, 2002

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The data are unusable. (The compound may or may not be present)

Analytical Results (Qualified Data)

Case #: 30443 SDG : ME00X0
Site : LACLEDE STEEL
Lab. : SENTIN
Reviewer :
Date :

Number of Soil Samples : 0
Number of Water Samples : 16

Sample Number :	ME00X0		ME00X1		ME00X3		ME00X4		ME00X5	
Sampling Location :	G210		G201		G203		G204		G202	
Matrix	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	09:15		09:30		10:45		10:45		11:55	
%Solids :	0.0		0.0		0.0		0.0		0.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	18.5	UJ	913	J	947	J	927	J	1680	J
ANTIMONY	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U
ARSENIC	3.0	U	5.1		3.1		3.0	U	3.0	U
BARIUM	0.40	U	13.3		69.7		69.3		711	
BERYLLIUM	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CADMIUM	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
CALCIUM	95.7	U	20700		90600		90100		301000	
CHROMIUM	0.80	U	7.4		1.7		1.7		0.80	U
COBALT	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
COPPER	1.4	U	8.7		2.8		3.2		4.8	
IRON	17.0	U	17.0	U	17.0	U	17.0	U	25800	
LEAD	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U
MAGNESIUM	24.8	U	24.8	U	24.8	U	24.8	U	55800	
MANGANESE	0.40	U	2.6		2.2	J	2.4	J	1320	
MERCURY	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
NICKEL	1.7	U	1.7	U	1.7	U	1.7	U	9.8	
POTASSIUM	40.0	J	15000	J	10300	J	10300	J	4590	
SELENIUM	2.2	U	5.4	J	3.1	J	5.1	J	2.3	J
SILVER	1.1	U	1.1	U	1.1	U	1.2		1.1	U
SODIUM	302	U	73100	J	71200	J	72100	J	41600	J
THALLIUM	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U
VANADIUM	0.70	U	92.0		21.7		21.9		0.70	U
ZINC	1.4	U	3.8		2.7		2.8		46.1	
CYANIDE	0.70	U	8.9		0.74	J	1.2	J	0.70	U

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Analytical Results (Qualified Data)

Case #: 30448 SDG : ME00X0
Site : LACLEDE STEEL
Lab. : SENTIN
Reviewer :
ate :

Sample Number	ME00X6		ME00X7		ME00X9		ME00Y0		ME00Y1	
Sampling Location :	G205		G206		G202 F		G203 F		G204 F	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	11:40		13:20		11:55		10:45		10:45	
%Solids :	0.0		0.0		0.0		0.0		0.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	31700	J	39000	J	18.5	UJ	838	J	883	J
ANTIMONY	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U
ARSENIC	9.7		34.3		3.0	U	3.0	U	3.0	
BARIUM	570		638		419		67.6		70.5	
BERYLLIUM	1.9		3.1		0.30	U	0.30	U	0.30	U
CADMIUM	61.5		2.9		0.50	U	0.50	U	0.50	U
CALCIUM	140000		306000		143000		88200		91800	
CHROMIUM	46.7		110		0.80	U	0.80	U	0.80	U
COBALT	25.4		40.8		1.2	U	1.2	U	1.2	U
COPPER	173		85.5		1.4	U	1.9		2.3	
IRON	52700		79900		4040		17.0	U	17.0	U
LEAD	208		266		2.8	U	2.8	U	2.8	U
MAGNESIUM	48700		61400		41000		24.8	U	24.8	U
MANGANESE	3160		6700		736		1.1	J	1.3	J
MERCURY	0.12		0.16		0.10	U	0.10	U	0.10	U
NICKEL	97.4		111		7.5		1.7	U	1.7	U
POTASSIUM	6610		7180		4350		9990		10400	J
SELENIUM	5.8	J	7.3	J	2.2	U	2.4	J	2.2	U
SILVER	1.1	U	2.2		1.1	U	1.1	U	1.1	U
SODIUM	121000	J	87400	J	40700	J	68800	J	72800	J
THALLIUM	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U
VANADIUM	154		126		0.70	U	22.0		22.1	
ZINC	330		915		5.2		1.6		1.4	U
CYANIDE	1.8	J	5.2	J						

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Analytical Results (Qualified Data)

Case #: 30448 SDG : ME00X0
Site : LACLEDE STEEL
Lab. : SENTIN
Reviewer :
Date :

Sample Number :	ME00Y2		ME00Y3		ME00Y4		ME00Y5		ME00Y8	
Sampling Location :	G205 F		G206 F		G207 F		G210 F		G207	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	11:40		13:20		15:15		09:15		15:15	
%Solids :	0.0		0.0		0.0		0.0		0.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	18.5	UJ	18.5	UJ	18.5	UJ	18.5	UJ	500	J
ANTIMONY	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U
ARSENIC	3.0	U	3.0	U	3.0	U	3.0	U	6.0	
BARIUM	82.7		100		25.3		0.40	U	40.5	
BERYLLIUM	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
CADMIUM	1.3		0.50	U	0.50	U	0.50	U	0.50	U
CALCIUM	116000		198000		529000		95.7	U	538000	
CHROMIUM	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
COBALT	1.2	U	1.2	U	8.0		1.2	U	9.7	
COPPER	1.4	U	2.8		2.3		1.4	U	5.2	
IRON	30.2		17.0	U	16000		17.0	U	21000	
LEAD	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U
MAGNESIUM	37000		49400		197000		24.8	U	202000	
MANGANESE	1890		479		12300	J	4.1	J	12800	J
MERCURY	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
NICKEL	14.9		2.2		185		1.7	U	195	
POTASSIUM	1420		2290		5320		39.3		5400	
SELENIUM	2.4	J	4.4	J	2.6	J	3.3	J	2.2	U
SILVER	1.1	U	1.1	U	1.1	U	1.1	U	1.6	
SODIUM	119000	J	86900	J	135000	J	302	U	140000	J
THALLIUM	3.5	U	3.5	U	3.5	U	3.5	U	3.5	
VANADIUM	7.1		0.93		0.70	U	0.70	U	1.5	
ZINC	6.8		17.0		11.4		1.4	U	15.3	
CYANIDE									0.79	J

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Analytical Results (Qualified Data)

Case #: 30448 SDG : ME00X0
Site : LACLEDE STEEL
Lab. : SENTIN
Reviewer
Date

Sample Number :	ME00Y9		ME00X1D		ME00X1S		ME00Y9D		ME00Y9S	
Sampling Location :	G201 F		G201		G201		G201 F		G201 F	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	04/30/2002		04/30/2002		04/30/2002		04/30/2002		04/30/2002	
Time Sampled :	09:30		09:30		09:30		09:30		09:30	
%Solids :	0.0		0.0		0.0		0.0		0.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	1020	J	867	J	2960	J	997	J	3100	J
ANTIMONY	3.8	U	3.8	U	531		3.8	U	536	
ARSENIC	6.9		6.0		50.1		6.9		49.3	
BARIUM	16.0		12.7		2150		15.5		2170	
BERYLLIUM	0.30	U	0.30	U	51.9		0.30	U	52.3	
CADMIUM	0.50	U	0.56		54.0		0.50	U	54.6	
CALCIUM	27100		20200				26400			
CHROMIUM	5.5		7.2		214		5.0		213	
COBALT	1.2	U	1.2	U	532		1.2	U	535	
COPPER	6.1		8.0		271		6.0		270	
IRON	17.0	U	17.0	U	1030		17.0	U	1010	
LEAD	2.8	U	2.8	U	21.0		2.8	U	19.5	
MAGNESIUM	24.8	U	24.8	U			24.8	U		
MANGANESE	3.8		2.3		530		0.90		531	
MERCURY	0.10	U	0.10	U	1.0		0.10	U	1.0	
NICKEL	1.7	U	1.7	U	526		1.7	U	527	
POTASSIUM	15200	J	14600				15000			
SELENIUM	3.8	J	3.5	J	14.0	J	7.0	J	15.1	J
SILVER	1.1	U	1.1	U	49.0		1.1	U	49.4	
SODIUM	78200	J	71100				77000			
THALLIUM	3.5	U	3.5	U	50.8		3.5	U	48.1	
VANADIUM	82.3		90.2		606		81.6		600	
ZINC	12.4		3.8		543		2.7		545	
CYANIDE			7.5		100					

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SEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30448
DAS No:
SDG No: ME00X0

L

Date Shipped: 5/1/02 Carrier Name: UPS Airbill: 1Z 621 589 22 1002 030 6 Shipped to: Sentinel Inc. 116 Washington Street, NE Huntsville AL 35801 (256) 534-9800	Date Received/Received by: 5/2/02 Rebecca Hilliard Lab Contract No: 68L00085 Unit Price: 100.00 Transfer To: Date Received/Received By: Lab Contract No: Price:	Sampler (Signature): Bob Casper Relinquished By: Bob Casper Relinquished By: Relinquished By:	Date / Time: 5/1/02 10:00 Received By: Date / Time: Received By: Date / Time: 5/2/02 0922 Received By: Rebecca Hilliard

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00W8	Soil/Sediment/ Bob Casper	L/G	TM/CN (21)	5-66822 (Ice Only) (1)	x320	4/29/02 18:20	E00W8	
ME00X0	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66826 (Ice Only), 5-66831 (Ice Only) (2)	G210	4/30/02 9:15	E00X0	
ME00X1	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66832 (Ice Only), 5-66833 (Ice Only), 5-66834 (Ice Only), 5-66847 (Ice Only), 5-66848 (Ice Only), 5-66849 (Ice Only) (6)	G201	4/30/02 9:30	E00X1	
ME00X3	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66850 (Ice Only), 5-66855 (Ice Only) (2)	G203	4/30/02 10:45	E00X3	
ME00X4	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66856 (Ice Only), 5-66861 (Ice Only) (2)	G204	4/30/02 10:45	E00X4	
ME00X5	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66862 (Ice Only), 5-66867 (Ice Only) (2)	G202	4/30/02 11:55	E00X5	
ME00X6	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66868 (Ice Only), 5-66873 (Ice Only) (2)	G205	4/30/02 11:40	E00X6	
ME00X7	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66874 (Ice Only), 5-66879 (Ice Only) (2)	G206	4/30/02 13:20	E00X7	
ME00X9	Ground Water/ Bob Casper	L/G	DM (21)	5-66881 (Ice Only) (1)	G202 F	4/30/02 11:55		
ME00Y0	Ground Water/ Bob Casper	L/G	DM (21)	5-66882 (Ice Only) (1)	G203 F	4/30/02 10:45		
ME00Y1	Ground Water/ Bob Casper	L/G	DM (21)	5-66883 (Ice Only) (1)	G204 F	4/30/02 10:45		
ME00Y2	Ground Water/ Bob Casper	L/G	DM (21)	5-66884 (Ice Only) (1)	G205 F	4/30/02 11:40		
ME00Y3	Ground Water/ Bob Casper	L/G	DM (21)	5-66885 (Ice Only) (1)	G206 F	4/30/02 13:20		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: ME00X1, ME00W3	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 5.5, 6.5, 6.5°C	Chain of Custody Seal Number: 22607-22609
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

CN = Cyanide, DM = CLP TAL Dissolved Metals, TM = CLP TAL Total Metals, TM/CN = CLP TAL Total Metals and Cyanide

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: [illegible]

170

SEPA Contract Laboratory Program
Inorganic Traffic Report

Case No: 30448
DAS No:
SDG No: ME00X0

L

Date Shipped: 5/1/02 Carrier Name: UPS Airbill: 1Z 621 589 22 1002 030 6 Shipped to: Sentinel Inc. 116 Washington Street, NE Huntsville AL 35801 (256) 534-9800	Date Received/Received by: 5/2/02 Rebecca Fulton Lab Contract No: 68W00085 Unit Price: 100.00 2H519102 68W00085 Transfer To: Date Received/Received By: Lab Contract No: Price:	Sampler (Signature): Bob Casper Relinquished By: Bob Casper Relinquished By: Relinquished By:	Date / Time: 5/1/02 10:00 Date / Time: Date / Time: 5/2/02 1022
			Received By: Received By: Received By: Rebecca Fulton

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
ME00Y4	Ground Water/ Bob Casper	L/G	DM (21)	5-66886 (Ice Only) (1)	G207 F	4/30/02 15:15		
ME00Y5	Ground Water/ Bob Casper	L/G	DM (21)	5-66887 (Ice Only) (1)	G210 F	4/30/02 9:15		
ME00Y8	Ground Water/ Bob Casper	L/G	CN (21), TM (21)	5-66888 (Ice Only), 5-66893 (Ice Only) (2)	G207	4/30/02 15:15	E00Y8	
ME00Y9	Ground Water/ Bob Casper	L/G	DM (21)	5-66894 (Ice Only), 5-66895 (Ice Only), 5-66896 (Ice Only) (3)	G201 F	4/30/02 9:30		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: ME00X1, ME00W3	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 5.5, 6.5, 6.5°C	Chain of Custody Seal Number: 22607 - 22609
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y
CN = Cyanide, DM = CLP TAL Dissolved Metals, TM = CLP TAL Total Metals, TM/CN = CLP TAL Total Metals and Cyanide				

PR provides preliminary results. Requests for preliminary resuls will increase analytical costs.

Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-050102-0002

MAY 2 2 2002

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30443 SAS No.: SDG No.: ME00X0

SOW No.: ILM04.1

EPA SAMPLE NO.	Lab Sample ID.
ME00X0	44436S
ME00X1	44437S
ME00X1D	44437S2
ME00X1S	44437MS
ME00X3	44438S
ME00X4	44439S
ME00X5	44440S
ME00X6	44441S
ME00X7	44442S
ME00X9	44443S
ME00Y0	44444S
ME00Y1	44445S
ME00Y2	44446S
ME00Y3	44447S
ME00Y4	44448S
ME00Y5	44449S
ME00Y8	44450S
ME00Y9	44451S
ME00Y9D	44451S2
ME00Y9S	44451MS

Were ICP interelement corrections applied? Yes/No YES
Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

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

Signature:

Name: BAKIGWE Title: QAOfficer Date: 5/14/02

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00X0

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44436S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.5	U	E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	0.40	U		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	95.7	U		P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	0.40	U		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	40.0	B		P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	302	U		P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	1.4	U		P
	Cyanide	0.70	U		CA

Color Before: BROWN Clarity Before: OPAQUE Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

. ME00X1

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44437S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	913		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	5.1	B		P
7440-39-3	Barium	13.3	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	20700			P
7440-47-3	Chromium	7.4	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	8.7	B		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	2.6	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	15000			P
7782-49-2	Selenium	5.4			P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	73100			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	92.0			P
7440-66-6	Zinc	3.8	B		P
	Cyanide	8.9	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00X3

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44438S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	947		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.1	B		P
7440-39-3	Barium	69.7	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	90600			P
7440-47-3	Chromium	1.7	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.8	B		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	2.2	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	10300			P
7782-49-2	Selenium	3.1	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	71200			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	21.7	B		P
7440-66-6	Zinc	2.7	B		P
	Cyanide	0.74	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00X4

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44439S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	927		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	69.3	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	90100			P
7440-47-3	Chromium	1.7	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	3.2	B		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	2.4	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	10300			P
7782-49-2	Selenium	5.1			P
7440-22-4	Silver	1.2	B		P
7440-23-5	Sodium	72100			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	21.9	B		P
7440-66-6	Zinc	2.8	B		P
	Cyanide	1.2	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

6

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00X5

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44440S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1680		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	711			P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	301000			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	4.8	B		P
7439-89-6	Iron	25800			P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	55800			P
7439-96-5	Manganese	1320			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	9.8	B		P
7440-09-7	Potassium	4590	B		P
7782-49-2	Selenium	2.3	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	41600			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	46.1			P
	Cyanide	0.70	U		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00X6

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44441S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	31700		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	9.7	B		P
7440-39-3	Barium	570			P
7440-41-7	Beryllium	1.9	B		P
7440-43-9	Cadmium	61.5			P
7440-70-2	Calcium	140000			P
7440-47-3	Chromium	46.7			P
7440-48-4	Cobalt	25.4	B		P
7440-50-8	Copper	173			P
7439-89-6	Iron	52700			P
7439-92-1	Lead	208			P
7439-95-4	Magnesium	48700			P
7439-96-5	Manganese	3160			P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	97.4			P
7440-09-7	Potassium	6610			P
7782-49-2	Selenium	5.8			P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	121000			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	154			P
7440-66-6	Zinc	330			P
	Cyanide	1.8	B		CA

Color Before: BROWN Clarity Before: OPAQUE Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00X7

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44442S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39000		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	34.3			P
7440-39-3	Barium	638			P
7440-41-7	Beryllium	3.1	B		P
7440-43-9	Cadmium	2.9	B		P
7440-70-2	Calcium	306000			P
7440-47-3	Chromium	110			P
7440-48-4	Cobalt	40.8	B		P
7440-50-8	Copper	85.5			P
7439-89-6	Iron	79900			P
7439-92-1	Lead	266			P
7439-95-4	Magnesium	61400			P
7439-96-5	Manganese	6700			P
7439-97-6	Mercury	0.16	B		CV
7440-02-0	Nickel	111			P
7440-09-7	Potassium	7180			P
7782-49-2	Selenium	7.3			P
7440-22-4	Silver	2.2	B		P
7440-23-5	Sodium	87400			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	126			P
7440-66-6	Zinc	915			P
	Cyanide	5.2	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

. ME00X9

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44443S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.5	U	E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	419			P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	143000			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	4040			P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	41000			P
7439-96-5	Manganese	736			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	7.5	B		P
7440-09-7	Potassium	4350	B		P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	40700			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	5.2	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00Y0

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44444S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	838		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	67.6	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	88200			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.9	B		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	1.1	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	9990			P
7782-49-2	Selenium	2.4	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	68800			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	22.0	B		P
7440-66-6	Zinc	1.6	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00Y1

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44445S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	883		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	B		P
7440-39-3	Barium	70.5	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	91800			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	1.3	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	10400			P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	72800			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	22.1	B		P
7440-66-6	Zinc	1.4	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00Y2

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44446S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.5	U	E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	82.7	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	1.3	B		P
7440-70-2	Calcium	116000			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	30.2	B		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	37000			P
7439-96-5	Manganese	1890			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	14.9	B		P
7440-09-7	Potassium	1420	B		P
7782-49-2	Selenium	2.4	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	119000			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	7.1	B		P
7440-66-6	Zinc	6.8	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00Y3

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44447S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.5	U	E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	100	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	198000			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	2.8	B		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	49400			P
7439-96-5	Manganese	479			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	2.2	B		P
7440-09-7	Potassium	2290	B		P
7782-49-2	Selenium	4.4	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	86900			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	0.93	B		P
7440-66-6	Zinc	17.0	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00Y4

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44448S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.5	U	E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	25.3	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	529000			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	8.0	B		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	16000			P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	197000			P
7439-96-5	Manganese	12300			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	185			P
7440-09-7	Potassium	5320			P
7782-49-2	Selenium	2.6	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	135000			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	11.4	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

. ME00Y5

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44449S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18.5	U	E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	0.40	U		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	95.7	U		P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	1.4	U		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	4.1	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	39.3	B		P
7782-49-2	Selenium	3.3	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	302	U		P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	1.4	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME00Y8

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44450S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	500		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	6.0	B		P
7440-39-3	Barium	40.5	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	538000			P
7440-47-3	Chromium	0.80	U		P
7440-48-4	Cobalt	9.7	B		P
7440-50-8	Copper	5.2	B		P
7439-89-6	Iron	21000			P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	202000			P
7439-96-5	Manganese	12800			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	195			P
7440-09-7	Potassium	5400			P
7782-49-2	Selenium	2.2	U		P
7440-22-4	Silver	1.6	B		P
7440-23-5	Sodium	140000			P
7440-28-0	Thallium	3.5	B		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	15.3	B		P
	Cyanide	0.79	B		CA

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

ME00Y9

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Matrix (soil/water): WATER Lab Sample ID: 44451S

Level (low/med): LOW Date Received: 05/02/02

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1020		E	P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	6.9	B		P
7440-39-3	Barium	16.0	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium	27100			P
7440-47-3	Chromium	5.5	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	6.1	B		P
7439-89-6	Iron	17.0	U		P
7439-92-1	Lead	2.8	U		P
7439-95-4	Magnesium	24.8	U		P
7439-96-5	Manganese	3.8	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	1.7	U		P
7440-09-7	Potassium	15200			P
7782-49-2	Selenium	3.8	B		P
7440-22-4	Silver	1.1	U		P
7440-23-5	Sodium	78200			P
7440-28-0	Thallium	3.5	U		P
7440-62-2	Vanadium	82.3			P
7440-66-6	Zinc	12.4	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

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BLANKS

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	-121.3	B	18.5	U	-153.5	B	-30.2	B	-26.292	B	P
Antimony	3.8	U	3.8	U	3.8	U	3.8	U	3.800	U	P
Arsenic	3.0	U	3.0	U	3.0	U	3.0	U	3.000	U	P
Barium	2.6	B	1.1	B	0.8	B	0.9	B	0.811	B	P
Beryllium	0.3	U	0.3	U	0.3	U	0.3	U	0.300	U	P
Cadmium	0.5	U	0.5	U	0.5	U	0.5	U	0.500	U	P
Calcium	95.7	U	95.7	U	-119.3	B	95.7	U	95.700	U	P
Chromium	0.8	U	0.8	U	0.8	U	0.8	U	0.800	U	P
Cobalt	1.2	U	1.2	U	1.2	U	1.2	U	1.200	U	P
Copper	1.4	U	1.4	U	1.4	U	1.4	U	1.400	U	P
Iron	-35.8	B	17.0	U	-49.5	B	17.0	U	17.000	U	P
Lead	-2.9	B	2.8	U	2.8	U	2.8	U	2.800	U	P
Magnesium	-90.7	B	24.8	U	-127.8	B	24.8	U	24.800	U	P
Manganese	0.5	B	0.4	U	0.4	U	0.4	U	0.400	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.100	U	CV
Nickel	1.7	U	1.7	U	1.7	U	1.7	U	1.700	U	P
Potassium	31.0	B	18.1	U	19.2	B	18.1	U	18.100	U	P
Selenium	2.2	U	2.2	U	3.1	B	2.7	B	2.200	U	P
Silver	1.1	U	1.1	U	1.1	U	1.1	U	1.100	U	P
Sodium	-326.6	B	-405.4	B	-319.5	B	301.7	U	301.700	U	P
Thallium	3.5	U	3.5	U	-3.9	B	3.5	U	3.500	U	P
Vanadium	0.7	U	0.7	U	0.7	U	0.7	U	0.700	U	P
Zinc	1.4	U	1.4	U	1.4	U	1.4	U	1.400	U	P
Cyanide	1.2	B	0.8	B	1.2	B	1.1	B	0.700	U	CA

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BLANKS

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			-150.8	B	-41.6	B					P
Antimony			3.8	U	3.8	U					P
Arsenic			3.0	U	3.0	U					P
Barium			1.0	B	0.9	B					P
Beryllium			0.3	U	0.4	B					P
Cadmium			0.5	U	0.5	U					P
Calcium			95.7	U	95.7	U					P
Chromium			0.8	U	0.8	U					P
Cobalt			1.2	U	1.2	U					P
Copper			1.4	U	1.4	U					P
Iron			-38.5	B	17.0	U					P
Lead			2.8	U	2.8	U					P
Magnesium			-123.0	B	24.8	U					P
Manganese			0.5	B	1.2	B					P
Mercury			0.1	U							CV
Nickel			1.7	U	1.7	U					P
Potassium			18.1	U	18.1	U					P
Selenium			2.4	B	2.6	B					P
Silver			1.1	B	1.1	U					P
Sodium			301.7	U	301.7	U					P
Thallium			3.5	U	3.5	U					P
Vanadium			0.7	U	0.7	U					P
Zinc			1.4	U	1.4	U					P
Cyanide											NR

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00X1S

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

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

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2962.1832		913.0640		2000.00	102.5		P
Antimony	75-125	531.4614		3.8000	U	500.00	106.3		P
Arsenic	75-125	50.1450		5.1065	B	40.00	112.6		P
Barium	75-125	2151.6077		13.3213	B	2000.00	106.9		P
Beryllium	75-125	51.8523		0.3000	U	50.00	103.7		P
Cadmium	75-125	54.0307		0.5000	U	50.00	108.1		P
Calcium									NR
Chromium	75-125	214.1377		7.3837	B	200.00	103.4		P
Cobalt	75-125	531.5939		1.2000	U	500.00	106.3		P
Copper	75-125	270.7405		8.7226	B	250.00	104.8		P
Iron	75-125	1026.9797		17.0000	U	1000.00	102.7		P
Lead	75-125	20.9591		2.8000	U	20.00	104.8		P
Magnesium									NR
Manganese	75-125	530.0402		2.6480	B	500.00	105.5		P
Mercury	75-125	1.0200		0.1000	U	1.00	102.0		CV
Nickel	75-125	525.6720		1.7000	U	500.00	105.1		P
Potassium									NR
Selenium	75-125	13.9700		5.3537		10.00	86.2		P
Silver	75-125	48.9709		1.1000	U	50.00	97.9		P
Sodium									NR
Thallium	75-125	50.7723		3.5000	U	50.00	101.5		P
Vanadium	75-125	605.5553		91.9996		500.00	102.7		P
Zinc	75-125	542.5115		3.7796	B	500.00	107.7		P
Cyanide	75-125	100.0149		8.9070	B	100.00	91.1		CA

Comments:

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

ME00Y9S

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

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

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	3104.5834		1023.8251		2000.00	104.0		P
Antimony	75-125	536.4366		3.8000	U	500.00	107.3		P
Arsenic	75-125	49.2971		6.8591	B	40.00	106.1		P
Barium	75-125	2170.9528		15.9992	B	2000.00	107.7		P
Beryllium	75-125	52.3026		0.3000	U	50.00	104.6		P
Cadmium	75-125	54.6212		0.5000	U	50.00	109.2		P
Calcium									NR
Chromium	75-125	212.7592		5.4788	B	200.00	103.6		P
Cobalt	75-125	535.4730		1.2000	U	500.00	107.1		P
Copper	75-125	269.8023		6.0845	B	250.00	105.5		P
Iron	75-125	1006.2584		17.0000	U	1000.00	100.6		P
Lead	75-125	19.4795		2.8000	U	20.00	97.4		P
Magnesium									NR
Manganese	75-125	531.3215		3.7574	B	500.00	105.5		P
Mercury	75-125	1.0300		0.1000	U	1.00	103.0		CV
Nickel	75-125	527.1436		1.7000	U	500.00	105.4		P
Potassium									NR
Selenium	75-125	15.0967		3.7593	B	10.00	113.4		P
Silver	75-125	49.3955		1.1000	U	50.00	98.8		P
Sodium									NR
Thallium	75-125	48.1287		3.5000	U	50.00	96.3		P
Vanadium	75-125	600.1569		82.2811		500.00	103.6		P
Zinc	75-125	544.6446		12.3557	B	500.00	106.5		P
Cyanide									NR

Comments:

U.S. EPA - CLP

6

DUPLICATES

EPA SAMPLE NO.

ME00X1D

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

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

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	200.0	913.0640		867.1961		5.2		P
Antimony		3.8000	U	3.8000	U			P
Arsenic		5.1065	B	5.9593	B	15.4		P
Barium		13.3213	B	12.7375	B	4.5		P
Beryllium		0.3000	U	0.3000	U			P
Cadmium		0.5000	U	0.5646	B	200.0		P
Calcium	5000.0	20665.8974		20157.4726		2.5		P
Chromium		7.3837	B	7.2054	B	2.4		P
Cobalt		1.2000	U	1.2000	U			P
Copper		8.7226	B	8.0245	B	8.3		P
Iron		17.0000	U	17.0000	U			P
Lead		2.8000	U	2.8000	U			P
Magnesium		24.8000	U	24.8000	U			P
Manganese		2.6480	B	2.2989	B	14.1		P
Mercury		0.1000	U	0.1000	U			CV
Nickel		1.7000	U	1.7000	U			P
Potassium	5000.0	14974.1226		14636.0581		2.3		P
Selenium	5.0	5.3537		3.5430	B	40.7		P
Silver		1.1000	U	1.1000	U			P
Sodium		73060.2618		71130.5664		2.7		P
Thallium		3.5000	U	3.5000	U			P
Vanadium	50.0	91.9996		90.2231		1.9		P
Zinc		3.7796	B	3.7572	B	0.6		P
Cyanide		8.9070	B	7.4547	B	17.8		CA

U.S. EPA - CLP

6

DUPLICATES

EPA SAMPLE NO.

ME00Y9D

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

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

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	200.0	1023.8251		996.6252		2.7		P
Antimony		3.8000	U	3.8000	U			P
Arsenic		6.8591	B	6.9005	B	0.6		P
Barium		15.9992	B	15.4926	B	3.2		P
Beryllium		0.3000	U	0.3000	U			P
Cadmium		0.5000	U	0.5000	U			P
Calcium		27066.9052		26406.6328		2.5		P
Chromium		5.4788	B	5.0323	B	8.5		P
Cobalt		1.2000	U	1.2000	U			P
Copper		6.0845	B	6.0333	B	0.8		P
Iron		17.0000	U	17.0000	U			P
Lead		2.8000	U	2.8000	U			P
Magnesium		24.8000	U	24.8000	U			P
Manganese		3.7574	B	0.8966	B	122.9		P
Mercury		0.1000	U	0.1000	U			CV
Nickel		1.7000	U	1.7000	U			P
Potassium	5000.0	15151.4140		14960.6064		1.3		P
Selenium	5.0	3.7593	B	6.9961		60.2		P
Silver		1.1000	U	1.1000	U			P
Sodium		78226.3047		77047.0742		1.5		P
Thallium		3.5000	U	3.5000	U			P
Vanadium	50.0	82.2811		81.5748		0.9		P
Zinc		12.3557	B	2.6871	B	128.5		P
Cyanide								NR

U.S. EPA - CLP

9

ICP SERIAL DILUTIONS

EPA SAMPLE NO.

ME00Y9L

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	1023.83		600.34	B	41.4	E	P
Antimony	3.80	U	19.00	U			P
Arsenic	6.86	B	15.00	U	100.0		P
Barium	16.00	B	14.86	B	7.1		P
Beryllium	0.30	U	1.50	U			P
Cadmium	0.50	U	2.50	U			P
Calcium	27066.91		26525.22		2.0		P
Chromium	5.48	B	4.00	U	100.0		P
Cobalt	1.20	U	6.00	U			P
Copper	6.08	B	7.63	B	25.5		P
Iron	17.00	U	85.00	U			P
Lead	2.80	U	14.00	U			P
Magnesium	24.80	U	124.00	U			P
Manganese	3.76	B	2.72	B	27.7		P
Mercury							NR
Nickel	1.70	U	8.50	U			P
Potassium	15151.41		15076.79	B	0.5		P
Selenium	3.76	B	13.40	B	256.4		P
Silver	1.10	U	5.50	U			P
Sodium	78226.30		72003.21		8.0		P
Thallium	3.50	U	17.50	U			P
Vanadium	82.28		78.85	B	4.2		P
Zinc	12.36	B	10.23	B	17.2		P

U.S. EPA - CLP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

ICP ID Number: P3 Date: 04/15/02

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.20		200	18.5	P
Antimony	206.80		60	3.8	P
Arsenic	189.00		10	3.0	P
Barium	493.40		200	0.4	P
Beryllium	313.00		5	0.3	P
Cadmium	226.50		5	0.5	P
Calcium	317.90		5000	95.7	P
Chromium	267.70		10	0.8	P
Cobalt	228.60		50	1.2	P
Copper	324.70		25	1.4	P
Iron	271.40		100	17.0	P
Lead	220.30		3	2.8	P
Magnesium	279.00		5000	24.8	P
Manganese	257.60		15	0.4	P
Mercury			0.2		NR
Nickel	231.60		40	1.7	P
Potassium	766.40		5000	18.1	P
Selenium	196.00		5	2.2	P
Silver	328.00		10	1.1	P
Sodium	330.20		5000	301.7	P
Thallium	190.80		10	3.5	P
Vanadium	292.40		50	0.7	P
Zinc	206.20		20	1.4	P
Cyanide			10		NR

Comments:
P3: THERMO JARRELL ASH

U.S. EPA - CLP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

ICP ID Number: Date: 04/15/02

Flame AA ID Number: C5

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.70		0.2	0.1	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR
Cyanide			10		NR

Comments:
C5: CETAC M6000

U.S. EPA - CLP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30448 SAS No.: SDG No.: ME00X0

ICP ID Number: Date: 04/15/02

Flame AA ID Number: C1

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury			0.2		NR
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			20		NR
Cyanide	580.00		10	0.7	CA

Comments:
C1: LACHAT

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 5-24-02

FROM: Stephen L. Ostrodka, Chief (SMF-4J)
Superfund Field Services Section

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: LACLEDE STEEL (IL)

CASE NUMBER: 30448 SDG NUMBER: E00T3

Number and Type of Samples: 20 (WATER/SOIL)

Sample Numbers: E00T3-4, E00T6-7, E00W0, E00W2-8, E00X0-1, E00X3-8

Laboratory: CEIMIC Hrs for Review:

Following are our findings:

CC: Cecilia Moore
Region 5 TPO
Mail Code: SMF-4J

SAMPLE DELIVERY GROUP (SDG)
TRAFFIC REPORT (TR) COVERSHEET

Lab Name: Ceimic Corporation **Lab Code:** CEIMIC

Case No.: 30448 **Bid Lot:** A

Contract No: 68-W-99-065 **Full Sample Analysis Price:** $275.00

First Sample in SDG: E00T3 **Sample Receipt Date:** 5/2/02
(Lowest EPA Sample Number in the first shipment of samples received under SDG.)

Last Sample in SDG: E00Y8 **Sample Receipt Date:** 5/2/02
(Highest EPA Sample Number in the last shipment of samples received under SDG.)

EPA Sample Numbers in the SDG (listed in alphanumeric order by date received)

1. E00T3	**11.** E00W7
2. E00T4	**12.** E00W8
3. E00T6	**13.** E00X0
4. E00T7	**14.** E00X1
5. E00W0	**15.** E00X3
6. E00W2	**16.** E00X4
7. E00W3	**17.** E00X5
8. E00W4	**18.** E00X6
9. E00W5	**19.** E00X7
10. E00W6	**20.** E00Y8

Note: There are a maximum of 20 field samples in an SDG.

Attach Traffic Reports to this form in alphanumeric order by date received.
(i.e. The order listed on this form)

Jessica Robinson
Signature

5/6/02
Date

U. S. EPA Contract Laboratory Program
Organic Traffic Report

Case No:	30448
DAS No:	
SDG No:	E00T3

L

5/2/02

Date Shipped: 5/1/02 Carrier Name: UPS Airbill: 1Z 621 589 22 1002 029 9 Shipped to: Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Date Received/Received by: Maggie Ludlow Lab Contract No: 6X2499C65 Unit Price: A Transfer To: Date Received/Received By: 05/02/02 MP Lab Contract No: Price:	Sampler (Signature): Bob Casper Relinquished By: Bob Casper — Date / Time: 5/1/02 10:00 — Received By: Relinquished By: — Date / Time: — Received By: Relinquished By: — Date / Time: — Received By:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00W7	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66819 (Ice Only), 5-66820 (Ice Only), 5-66821 (Ice Only) (3)	x319	4/29/02 18:00	ME00W7	
E00W8	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66823 (Ice Only), 5-66824 (Ice Only), 5-66825 (Ice Only) (3)	x320	4/29/02 18:20	ME00W8	
E00X0	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66827 (Ice Only), 5-66828 (Ice Only), 5-66829 (Ice Only), 5-66830 (Ice Only) (4)	G210	4/30/02 9:15	ME00X0	
E00X1	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66835 (Ice Only), 5-66836 (Ice Only), 5-66837 (Ice Only), 5-66838 (Ice Only), 5-66839 (Ice Only), 5-66840 (Ice Only), 5-66841 (Ice Only), 5-66842 (Ice Only), 5-66843 (Ice Only), 5-66844 (Ice Only), 5-66845 (Ice Only), 5-66846 (Ice Only) (12)	G201	4/30/02 9:30	ME00X1	
E00X3	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66851 (Ice Only), 5-66852 (Ice Only), 5-66853 (Ice Only), 5-66854 (Ice Only) (4)	G203	4/30/02 10:45	ME00X3	
E00X4	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66857 (Ice Only), 5-66858 (Ice Only), 5-66859 (Ice Only), 5-66860 (Ice Only) (4)	G204	4/30/02 10:45	ME00X4	

Shipment for Case Complete? ✓	Sample(s) to be used for laboratory QC: E00X1	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: 81425 - 81430
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact?__ Shipment Iced?__

BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL Volatiles

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-050102-0001

U.S. EPA Contract Laboratory Program
Organic Traffic Report

5/02/02

Case No:	30448
DAS No:	
SDG No:	EC0T3

L

Date Shipped: 5/1/02	Date Received/Received by: Maggie Pachalec	Sampler (Signature): Bob Casper	
Carrier Name: UPS	Lab Contract No: 68609 Y 465 Unit Price: A		
Airbill: 1Z 621 589 22 1002 029 9		Relinquished By: Bob Casper	Date / Time: 5/1/02 10:00	Received By:
Shipped to: Calmic Corporation, 10 Dean Knauss Drive, Narragansett RI 02882, (401) 782-8900	Transfer To: 05/02/02 MP	Relinquished By:	Date / Time:	Received By:
	Date Received/Received By:	Relinquished By:	Date / Time:	Received By:
	Lab Contract No: Price:			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00X5	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66863 (Ice Only), 5-66864 (Ice Only), 5-66865 (Ice Only), 5-66866 (Ice Only) (4)	G202	4/30/02 11:55	ME00X5	
E00X6	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66869 (Ice Only), 5-66870 (Ice Only), 5-66871 (Ice Only), 5-66872 (Ice Only) (4)	G205	4/30/02 11:40	ME00X6	
E00X7	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66875 (Ice Only), 5-66876 (Ice Only), 5-66877 (Ice Only), 5-66878 (Ice Only) (4)	G206	4/30/02 13:20	ME00X7	
E00Y8	Ground Water/ Bob Casper	L/G	BNA (21), PEST (21), VOA (21)	5-66889 (Ice Only), 5-66890 (Ice Only), 5-66891 (Ice Only), 5-66892 (Ice Only) (4)	G207	4/30/02 15:15	ME00Y8	
E00Z0	Field QC/ Bob Casper	L/G	VOA (21)	5-66897 (Ice Only), 5-66898 (Ice Only), 5-66899 (Ice Only), 5-66900 (Ice Only) (4)	TB	4/30/02 14:50		

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E00X1			81425 - 81430
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact?__ Shipment Iced?__

BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL Volatiles

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-050102-0001

U.S. EPA Contract Laboratory Program
Organic Traffic Report

Case No:	30448
DAS No:	
SDG No:	E00T3

L

Date Shipped: 5/1/02	Date Received/Received by: 5/02/02 Margaret Puchalska	Sampler (Signature): Bob Casper	
Carrier Name: UPS	Lab Contract No: 68W97065 Unit Price: A	Relinquished By: Bob Casper	Date / Time: 5/1/02 10:00	Received By:
Airbill: 1Z 621 589 22 1002 029 9	Transfer To: 68W97065	Relinquished By:	Date / Time:	Received By:
Shipped to: Celmic Corporation, 10 Dean Knauss Drive, Narragansett RI 02882, (401) 782-8900	Date Received/Received By: 05/02/02	Relinquished By:	Date / Time:	Received By:
	Lab Contract No: Price:			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E00T3	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66775 (Ice Only), 5-66776 (Ice Only), 5-66777 (Ice Only) (3)	X303	4/29/02 10:30	ME00T3	
E00T4	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66779 (Ice Only), 5-66780 (Ice Only), 5-66781 (Ice Only) (3)	X306	4/29/02 11:15	ME00T4	
E00T6	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66784 (Ice Only), 5-66785 (Ice Only), 5-66786 (Ice Only) (3)	X301	4/29/02 12:15	ME00T6	
E00T7	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66788 (Ice Only), 5-66789 (Ice Only), 5-66790 (Ice Only) (3)	X302	4/29/02 14:10	ME00T7	
E00W0	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66794 (Ice Only), 5-66795 (Ice Only), 5-66796 (Ice Only) (3)	X304	4/29/02 15:00	ME00W0	
E00W2	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66799 (Ice Only), 5-66800 (Ice Only), 5-66801 (Ice Only) (3)	X314	4/29/02 16:20	ME00W2	
E00W3	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66803 (Ice Only), 5-66804 (Ice Only), 5-66805 (Ice Only) (3)	X315	4/29/02 16:35	ME00W3	
E00W4	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66807 (Ice Only), 5-66808 (Ice Only), 5-66809 (Ice Only) (3)	X316	4/29/02 16:50	ME00W4	
E00W5	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66811 (Ice Only), 5-66812 (Ice Only), 5-66813 (Ice Only) (3)	x317	4/29/02 17:30	ME00W5	
E00W6	Soil/Sediment/ Bob Casper	L/G	BNA/PEST (21), VOA (21)	5-66815 (Ice Only), 5-66816 (Ice Only), 5-66817 (Ice Only) (3)	x318	4/29/02 17:50	ME00W6	

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: E00X1	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: 81425 ~~[illegible]~~ 81430
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact?__ Shipment Iced?__

BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL Volatiles

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Contract Laboratory Analytical Services Support, 2000 Edmund Halley Dr., Reston, VA. 20191-3436 Phone 703/264-9348 Fax 703/264-9222

TR Number: 5-055166947-050102-0001

MAY 2 4 2002

SDG Narrative

The enclosed data package is in response to USEPA, Region V, Case No. 30448, SDG No. E00T3, Contract No. 68-W-99-065. Under this SDG there are 24 VOA, 24 SVOA and 24 PEST/PCB analyses for 20 samples which were received at Ceimic Corporation on May 2, 2002.

This data package includes the analyses for the following samples from SDG No. E00T3, all of which are billable:

(1)

EPA ID	Ceimic ID	Analyses
E00T3	020440-01	VOA, SVOA, PEST/PCB
E00T4	020440-02	VOA, SVOA, PEST/PCB
E00T6	020440-03	VOA, SVOA, PEST/PCB
E00T7	020440-04	VOA, SVOA, PEST/PCB
E00W0	020440-05	VOA, SVOA, PEST/PCB
E00W2	020440-06	VOA, SVOA, PEST/PCB
E00W3	020440-07	VOA, SVOA, PEST/PCB
E00W4	020440-08	VOA, SVOA, PEST/PCB
E00W5	020440-09	VOA, SVOA, PEST/PCB
E00W6	020440-10	VOA, SVOA, PEST/PCB
E00W7	020440-11	VOA, SVOA, PEST/PCB
E00W8	020440-12	VOA, SVOA, PEST/PCB
E00X0	020440-13	VOA, SVOA, PEST/PCB
E00X1	020440-14	VOA, SVOA, PEST/PCB
E00X3	020440-15	VOA, SVOA, PEST/PCB
E00X4	020440-16	VOA, SVOA, PEST/PCB
E00X5	020440-17	VOA, SVOA, PEST/PCB
E00X6	020440-18	VOA, SVOA, PEST/PCB
E00X7	020440-19	VOA, SVOA, PEST/PCB
E00Y8	020440-20	VOA, SVOA, PEST/PCB

Sample Receipt

Cooler Temperatures upon receipt were 6°C.

(2) Instrumentation and Column Identification

The following instruments were used for the analyses:

GC/MS Analysis

A. VOA

MS17: HP5973 GC/MS, 30m, 0.25mm ID, 1.4 um, RTX-624 capillary column.
OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)

MS12: HP5973 GC 4S,25 m, 0.20mm ID, 1um, DB-624 capillary column
OI trap #10 (8cm Tenax, 8cm silica gel, 8cm carbon molecular sieve)

B. SVOA

MS1: HP5972 GC/MS,30 m,25 mm ID, ZB-5 fused silica capillary column

MS4: HP5970B GC/MS,30 m,25 mm ID, ZB-5 fused silica capillary column

MS9: HP5970B GC/MS,30 m,25 mm ID, ZB-5 fused silica capillary column

(3) Sample Information

An "x" qualifier is flagged by Target Thru-put 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. Manual integrations are performed on GC/MS and GC standards and samples when computer generated integration picks up only a portion of the chromatographic peak, due to software limitations. When manual integrations are required, these integrations are performed using sound defensible professional judgment, in order to report accurate data. Each manual integration is signed and dated, and reviewed by both the lab supervisor and the GC/MS Interpretation Specialist for GC/MS or the Organic Lab Manger for Pest/PCB.

A. VOA Fraction (Method CLP SOW OLM04.2)

The pH of the water samples was:

EPA ID:	Ceimic ID:	pH:
E00X0	020440-13	1
E00X1	020440-14	1
E00X3	020440-15	1
E00X4	020440-16	1
E00X5	020440-17	1
E00X6	020440-18	1
E00X7	020440-19	1
E00Y8	020440-20	1

The following samples were analyzed out of hold time:

EPA ID:	Ceimic ID:
E00T4MS	020440-02MS
E00T4MSD	020440-02MSD
E00W7	020440-11
E00W8	020440-12

Samples E00W7 (020440-11) and E00W8 (020440-12) were initially analyzed at 1 gram, and reanalyzed at 5 grams.

Sample E00T4MS (020440-02MS) had low spike recoveries for Trichloroethene, Toluene, and Chlorobenzene.

Sample E00T4MSD (020440-02MSD) had low spike recoveries for Trichloroethene, Benzene, Toluene, and Chlorobenzene.

Sample E00X1 (020440-14) had high spike recoveries for 1,1-Dichloroethene, Trichloroethene, Benzene, and Toluene.

B. SVOA Fraction (Method CLP SOW OLM04.2)

The quantitation ion for bis-(2-chloroethyl)ether was changed to the secondary ion 63, rather than the primary ion 93, because there is interference with the ion 93 from aniline, which is present in the standard mix.

Many extracts had very large organic matrices. The screening GC/FID had to be baked out three times after enormous carryover for several samples.

The analyses indicate that several of these samples are contaminated with a weathered heavy crude oil or oil product.

The following samples were analyzed at a dilution as a result of GC/FID screening and the color and viscosity of the extract:

EPA ID:	CEIMIC ID:	DILUTION:
E00T3	020440-01	1:30
E00T4	020440-02	1:5
E00T4MS	020440-02MS	1:5
E00T4MSD	020440-02MSD	1:5
E00T7	020440-04	1:30
E00W0	020440-05	1:10
E00W6	020440-10	1:200

The following samples were re-extracted as medium soils, out of hold time, as a result of GC/FID screening, and were analyzed at a dilution:

EPA ID:	CEIMIC ID:	DILUTION:
E00T6	020440-03	1:5
E00T6MS	020440-03MS	1:5
E00T6MSD	020440-03MSD	1:5
E00W2	020440-06	1:100
E00W3	020440-07	1:30

E00W4	020440-08	1:30
E00W5	020440-09	1:20
E00W7	020440-11	1:20

Sample E00X4 (020440-16) was reanalyzed at a dilution of 1:2.

Samples E00T4MS (020440-02) and E00T4MSD (020440-02MSD) had 0% recovery for Pentachlorophenol.

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/her designee, as verified by the following signature.

Alfred Kwolek / ku

Alfred Kwolek, GC/MS Specialist

5/22/02

Date

ALKANE NARRATIVE REPORT
Report date : 05/22/2002
SDG: E00T3

Client Sample ID: E00X6 Lab Sample ID: 020440-18 File ID: IF262

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	10.25	3	J
Unknown Straight-Chain Alkane	10.67	4	J

Client Sample ID: E00T3 Lab Sample ID: 020440-01 File ID: DC827

Compound	RT	Est. Conc.	Q
Unknown Straight Chain Alkane	9.06	3100	J
Unknown Straight Chain Alkane	9.71	3000	J
Unknown Branched Alkane	10.00	6900	J
Unknown Branched Alkane	10.31	12000	J
Unknown Straight Chain Alkane	10.78	6500	J
Unknown Branched Alkane	10.83	29000	J
Unknown Straight Chain Alkane	11.23	11000	J
Unknown Straight Chain Alkane	11.64	2800	J
Unknown Branched Alkane	11.95	4000	J
Unknown Straight Chain Alkane	12.03	3000	J
Unknown Branched Alkane	13.52	18000	J
Unknown Branched Alkane	14.21	10000	J

Client Sample ID: E00T4 Lab Sample ID: 020440-02 File ID: DC828

Compound	RT	Est. Conc.	Q
Unknown Straight Chain Alkane	11.22	470	J
Unknown Branched Alkane	12.02	490	J
Unknown Straight Chain Alkane	12.38	390	J
Unknown Straight Chain Alkane	12.74	440	J
Unknown Straight Chain Alkane	13.12	920	J
Unknown Straight Chain Alkane	13.50	1100	J
Unknown Straight Chain Alkane	13.73	420	J

Client Sample ID: E00T7 Lab Sample ID: 020440-04 File ID: DC835

Compound	RT	Est. Conc.	Q
Unknown Straight Chain Alkane	8.79	3500	J
Unknown Straight Chain Alkane	9.05	3700	J
Unknown Straight Chain Alkane	9.70	6200	J
Unknown Branched Alkane	9.99	3500	J
Unknown Straight Chain Alkane	10.27	15000	J
Unknown Straight Chain Alkane	10.77	7100	J
Unknown Branched Alkane	10.83	7100	J
Unknown Straight Chain Alkane	11.22	15000	J
Unknown Straight Chain Alkane	11.63	11000	J
Unknown Straight Chain Alkane	12.02	13000	J
Unknown Branched Alkane	12.15	19000	J
Unknown Straight Chain Alkane	12.38	6200	J
Unknown Straight-Chain Alkane	12.52	10000	J
Unknown Straight Chain Alkane	12.82	2300	J
Unknown Straight Chain Alkane	12.87	11000	J
Unknown Straight Chain Alkane	13.25	41000	J
Unknown Branched Alkane	13.50	41000	J
Unknown Straight Chain Alkane	14.19	15000	J

Client Sample ID: E00W6 Lab Sample ID: 020440-10 File ID: DC840

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	10.31	23000	J
Unknown Straight Chain Alkane	10.83	28000	J
Unknown Branched Alkane	11.21	30000	J
Unknown Branched Alkane	11.65	24000	J
Unknown Straight Chain Alkane	11.96	39000	J
Unknown Straight Chain Alkane	12.56	37000	J
Unknown Straight Chain Alkane	13.19	150000	J
Unknown Straight Chain Alkane	13.55	150000	J

Client Sample ID: E00W8 Lab Sample ID: 020440-12 File ID: DC841

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	10.30	29000	J
Unknown Branched Alkane	10.82	40000	J
Unknown Straight Chain Alkane	11.64	24000	J
Unknown Straight Chain Alkane	11.94	33000	J
Unknown Straight-Chain Alkane	12.54	640000	J
Unknown Branched Alkane	13.52	200000	J

Client Sample ID: E00W3 Lab Sample ID: 020440-07 File ID: DC842

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	14.21	1100000	J

Client Sample ID: E00W4 Lab Sample ID: 020440-08 File ID: DC843

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	14.21	580000	J
Unknown Straight-Chain Alkane	20.04	200000	J

Client Sample ID: E00W5 Lab Sample ID: 020440-09 File ID: DC844

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	10.30	60000	J
Unknown Straight-Chain Alkane	10.81	99000	J
Unknown Cyclic Alkane	12.37	66000	J
Unknown Branched Alkane	13.48	280000	J

Client Sample ID: E00W7 Lab Sample ID: 020440-11 File ID: DC845

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	10.82	210000	J
Unknown Branched Alkane	11.56	220000	J
Unknown Branched Alkane	11.93	330000	J
Unknown Branched Alkane	12.14	260000	J
Unknown Straight-Chain Alkane	12.32	410000	J
Unknown Branched Alkane	12.82	4100000	J
Unknown Straight-Chain Alkane	13.50	870000	J
Unknown Branched Alkane	13.72	570000	J
Unknown Straight-Chain Alkane	13.72	570000	J

Unknown Straight-Chain Alkane	15.57	330000	J
Unknown Branched Alkane	15.94	470000	J
Unknown Branched Alkane	16.73	290000	J
Unknown Branched Alkane	17.45	260000	J
Unknown Branched Alkane	19.99	450000	J
Unknown Branched Alkane	21.56	580000	J

ALKANE NARRATIVE REPORT
Report date : 05/22/2002
SDG: E00T3

Client Sample ID: E00X6 Lab Sample ID: 020440-18 File ID: IF262

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	10.25	3	J
Unknown Straight-Chain Alkane	10.67	4	J

Client Sample ID: E00T3 Lab Sample ID: 020440-01 File ID: DC827

Compound	RT	Est. Conc.	Q
Unknown Straight Chain Alkane	9.06	3100	J
Unknown Straight Chain Alkane	9.71	3000	J
Unknown Branched Alkane	10.00	6900	J
Unknown Branched Alkane	10.31	12000	J
Unknown Straight Chain Alkane	10.78	6500	J
Unknown Branched Alkane	10.83	29000	J
Unknown Straight Chain Alkane	11.23	11000	J
Unknown Straight Chain Alkane	11.64	2800	J
Unknown Branched Alkane	11.95	4000	J
Unknown Straight Chain Alkane	12.03	3000	J
Unknown Branched Alkane	13.52	18000	J
Unknown Branched Alkane	14.21	10000	J

Client Sample ID: E00T4 Lab Sample ID: 020440-02 File ID: DC828

Compound	RT	Est. Conc.	Q
Unknown Straight Chain Alkane	11.22	470	J
Unknown Branched Alkane	12.02	490	J
Unknown Straight Chain Alkane	12.38	390	J
Unknown Straight Chain Alkane	12.74	440	J
Unknown Straight Chain Alkane	13.12	920	J
Unknown Straight Chain Alkane	13.50	1100	J
Unknown Straight Chain Alkane	13.73	420	J

Client Sample ID: E00T7 Lab Sample ID: 020440-04 File ID: DC835

Compound	RT	Est. Conc.	Q
Unknown Straight Chain Alkane	8.79	3500	J
Unknown Straight Chain Alkane	9.05	3700	J
Unknown Straight Chain Alkane	9.70	6200	J
Unknown Branched Alkane	9.99	3500	J
Unknown Straight Chain Alkane	10.27	15000	J
Unknown Straight Chain Alkane	10.77	7100	J
Unknown Branched Alkane	10.83	7100	J
Unknown Straight Chain Alkane	11.22	15000	J
Unknown Straight Chain Alkane	11.63	11000	J
Unknown Straight Chain Alkane	12.02	13000	J
Unknown Branched Alkane	12.15	19000	J
Unknown Straight Chain Alkane	12.38	6200	J
Unknown Straight-Chain Alkane	12.52	10000	J
Unknown Straight Chain Alkane	12.82	2300	J
Unknown Straight Chain Alkane	12.87	11000	J
Unknown Straight Chain Alkane	13.25	41000	J
Unknown Branched Alkane	13.50	41000	J
Unknown Straight Chain Alkane	14.19	15000	J

Client Sample ID: E00W6 Lab Sample ID: 020440-10 File ID: DC840

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	10.31	23000	J
Unknown Straight Chain Alkane	10.83	28000	J
Unknown Branched Alkane	11.21	30000	J
Unknown Branched Alkane	11.65	24000	J
Unknown Straight Chain Alkane	11.96	39000	J
Unknown Straight Chain Alkane	12.56	37000	J
Unknown Straight Chain Alkane	13.19	150000	J
Unknown Straight Chain Alkane	13.55	150000	J

Client Sample ID: E00W8 Lab Sample ID: 020440-12 File ID: DC841

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	10.30	29000	J
Unknown Branched Alkane	10.82	40000	J
Unknown Straight Chain Alkane	11.64	24000	J
Unknown Straight Chain Alkane	11.94	33000	J
Unknown Straight-Chain Alkane	12.54	640000	J
Unknown Branched Alkane	13.52	200000	J

Client Sample ID: E00W3 Lab Sample ID: 020440-07 File ID: DC842

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	14.21	1100000	J

Client Sample ID: E00W4 Lab Sample ID: 020440-08 File ID: DC843

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	14.21	580000	J
Unknown Straight-Chain Alkane	20.04	200000	J

Client Sample ID: E00W5 Lab Sample ID: 020440-09 File ID: DC844

Compound	RT	Est. Conc.	Q
Unknown Branched Alkane	10.30	60000	J
Unknown Straight-Chain Alkane	10.81	99000	J
Unknown Cyclic Alkane	12.37	66000	J
Unknown Branched Alkane	13.48	280000	J

Client Sample ID: E00W7 Lab Sample ID: 020440-11 File ID: DC845

Compound	RT	Est. Conc.	Q
Unknown Straight-Chain Alkane	10.82	210000	J
Unknown Branched Alkane	11.56	220000	J
Unknown Branched Alkane	11.93	330000	J
Unknown Branched Alkane	12.14	260000	J
Unknown Straight-Chain Alkane	12.32	410000	J
Unknown Branched Alkane	12.82	4100000	J
Unknown Straight-Chain Alkane	13.50	870000	J
Unknown Branched Alkane	13.72	570000	J
Unknown Straight-Chain Alkane	13.72	570000	J

nknown Straight-Chain Alkane	15.57	330000	J
nknown Branched Alkane	15.94	470000	J
nknown Branched Alkane	16.73	290000	J
Unknown Branched Alkane	17.45	260000	J
Unknown Branched Alkane	19.99	450000	J
Unknown Branched Alkane	21.56	580000	.

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLKQM	100	98	100		0
02	E00T3	100	98	102		0
03	E00T4	100	100	102		0
04	E00T5	100	100	104		0
05	E00T7	100	100	104		0
06	E00W0	100	98	102		0
07	E00W2	106	90	102		0
08	E00W3	104	94	102		0
09	E00W4	102	98	102		0
10	E00W5	102	96	102		0
11	E00W6	106	92	104		0
12	VBLKLM	92	82	92		0
13	E00T4MS	93	84	91		0
14	E00T4MSD	91	81	91		0
15	E00W7	86	91	91		0
16	E00W8	91	83	87		0
17	VBLKLO	98	82	94		0
18	E00W7RE	89	96	95		0
19	E00W8RE	101	71	93		0
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		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

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLKLN	98	90	102		0
02	E00X0	98	88	106		0
03	E00X1	96	92	106		0
04	E00X3	98	96	104		0
05	E00X4	100	94	102		0
06	E00X5	100	92	102		0
07	E00X6	98	90	104		0
08	E00X7	98	90	104		0
09	E00Y8	100	90	106		0
10	E00X1MS	96	92	106		0
11	E00X1MSD	98	92	104		0
12	VBLKOF	104	92	98		0
13	VHBLK01	106	94	102		0
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		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

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix Spike - EPA Sample No.: E00T4 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	55	0.0	34	62	59-172
Trichloroethene	55	0.0	27	49*	62-137
Benzene	55	0.0	37	67	66-142
Toluene	55	0.0	31	56*	59-139
Chlorobenzene	55	0.0	27	49*	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	58	34	59	5	22	59-172
Trichloroethene	58	27	47*	4	24	62-137
Benzene	58	37	64*	5	21	66-142
Toluene	58	31	53*	6	21	59-139
Chlorobenzene	58	26	45*	9	21	60-133

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

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 7 out of 10 outside limits

COMMENTS: _____

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix Spike - EPA Sample No.: E00X1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0.0	83	166*	61-145
Trichloroethene	50	0.0	70	140*	71-120
Benzene	50	0.0	69	138*	76-127
Toluene	50	0.0	65	130*	76-125
Chlorobenzene	50	0.0	62	124	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	84	168*	1	14	61-145
Trichloroethene	50	70	140*	0	14	71-120
Benzene	50	70	140*	1	11	76-127
Toluene	50	67	134*	3	13	76-125
Chlorobenzene	50	62	124	0	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: 8 out of 10 outside limits

COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKLM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: LJ508 Lab Sample ID: V120516-B1

Date Analyzed: 05/16/02 Time Analyzed: 1202

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MS12

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00T4MS	020440-02MS	LJ518	1727
02	E00T4MSD	020440-02MSD	LJ519	1758
03	E00W7	020440-11	LJ520	1828
04	E00W8	020440-12	LJ521	1900
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKLN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: LJ388 Lab Sample ID: V120511-B1

Date Analyzed: 05/11/02 Time Analyzed: 1235

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MS12

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00X0	020440-13	LJ397	1710
02	E00X1	020440-14	LJ398	1739
03	E00X3	020440-15	LJ399	1809
04	E00X4	020440-16	LJ400	1838
05	E00X5	020440-17	LJ401	1908
06	E00X6	020440-18	LJ402	1937
07	E00X7	020440-19	LJ403	2006
08	E00Y8	020440-20	LJ404	2036
09	E00X1MS	020440-14MS	LJ405	2105
10	E00X1MSD	020440-14MSD	LJ406	2134
11				
12				
13				
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16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: LJ529 Lab Sample ID: V120517-B1

Date Analyzed: 05/17/02 Time Analyzed: 0955

GC Column: DB-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MS12

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00W7RE	020440-11RE	LJ535	1313
02	E00W8RE	020440-12RE	LJ536	1344
03				
04				
05				
06				
07				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKOF

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: OK090 Lab Sample ID: V150520-B1

Date Analyzed: 05/20/02 Time Analyzed: 1018

GC Column: RTX-VOL ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: MS15

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK01	020440-21	OK102	2155
02				
03				
04				
05				
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07				
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKQM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: Q1143 Lab Sample ID: V170512-B1

Date Analyzed: 05/12/02 Time Analyzed: 1708

GC Column: RTX-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MS17

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E00T3	020440-01	Q1151	2141
02	E00T4	020440-02	Q1152	2214
03	E00T6	020440-03	Q1153	2248
04	E00T7	020440-04	Q1154	2322
05	E00W0	020440-05	Q1155	2356
06	E00W2	020440-06	Q1156	0029
07	E00W3	020440-07	Q1157	0103
08	E00W4	020440-08	Q1158	0137
09	E00W5	020440-09	Q1159	0210
10	E00W6	020440-10	Q1160	0244
11				
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01

Sample wt/vol: 5.2(g/mL) G Lab File ID: Q1151

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 10 Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	1	J
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	8	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01

Sample wt/vol: 5.2(g/mL) G Lab File ID: Q1151

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 10 Date Analyzed: 05/12/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01

Sample wt/vol: 5.2 (g/mL) G Lab File ID: Q1151

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 10 Date Analyzed: 05/12/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02

Sample wt/vol: 4.6(g/mL) G Lab File ID: Q1152

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 8 Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	23	
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	2	J
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02

Sample wt/vol: 4.6(g/mL) G Lab File ID: Q1152

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 8 Date Analyzed: 05/12/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02

Sample wt/vol: 4.6 (g/mL) G Lab File ID: Q1152

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 8 Date Analyzed: 05/12/02

GC Column: RTX-624 ID: 0.25 (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: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	15.32	11	J
2. 0-00-0	DECAHYDRO-4,4,8,9,10-PENTAME	17.47	14	NJ
3.	UNKNOWN	18.61	6	J
4.	UNKNOWN	18.86	12	J
5.	UNKNOWN	19.33	14	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MS

Sample wt/vol: 4.9(g/mL) G Lab File ID: LJ518

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 8 Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	34	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	9	JB
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	1	J
75-09-2	Methylene Chloride	26	B
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	2	J
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	37	
107-06-2	1,2-Dichloroethane	11	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MS

Sample wt/vol: 4.9(g/mL) G Lab File ID: LJ518

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 8 Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	27	
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	31	
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	27	
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MSD

Sample wt/vol: 4.7(g/mL) G Lab File ID: LJ519

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 8 Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	34	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	10	JB
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	3	J
75-09-2	Methylene Chloride	29	B
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	3	J
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	37	
107-06-2	1,2-Dichloroethane	1	J

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MSD

Sample wt/vol: 4.7(g/mL) G Lab File ID: LJ519

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 8 Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	27	
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	31	
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	26	
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03

Sample wt/vol: 5.2(g/mL) G Lab File ID: Q1153

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 7 Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	7	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	13	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	5	J
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03

Sample wt/vol: 5.2(g/mL) G Lab File ID: Q1153

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 7 Date Analyzed: 05/12/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03

Sample wt/vol: 5.2 (g/mL) G Lab File ID: Q1153

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 7 Date Analyzed: 05/12/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-04

Sample wt/vol: 5.4(g/mL) G Lab File ID: Q1154

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 12 Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	3	JB
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	13	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	2	J
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-04

Sample wt/vol: 5.4(g/mL) G Lab File ID: Q1154

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 12 Date Analyzed: 05/12/02

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-04

Sample wt/vol: 5.4 (g/mL) G Lab File ID: Q1154

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 12 Date Analyzed: 05/12/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05

Sample wt/vol: 5.0(g/mL) G Lab File ID: Q1155

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 13 Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	17	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05

Sample wt/vol: 5.0(g/mL) G Lab File ID: Q1155

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 13 Date Analyzed: 05/12/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: Q1155

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 13 Date Analyzed: 05/12/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W2

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06

Sample wt/vol: 1.0(g/mL) G Lab File ID: Q1156

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 13 Date Analyzed: 05/13/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	19	
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	60	B
75-15-0	Carbon Disulfide	11	
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	9	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	13	
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W2

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06

Sample wt/vol: 1.0(g/mL) G Lab File ID: Q1156

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 13 Date Analyzed: 05/13/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W2

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q1156

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 13 Date Analyzed: 05/13/02

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

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 88-69-7	PHENOL, 2-(1-METHYLETHYL)-	19.03	91	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07

Sample wt/vol: 1.0(g/mL) G Lab File ID: Q1157

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 11 Date Analyzed: 05/13/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	37	B
75-15-0	Carbon Disulfide	2	J
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	15	
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07

Sample wt/vol: 1.0(g/mL) G Lab File ID: Q1157

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 11 Date Analyzed: 05/13/02

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

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

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

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q1157

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 11 Date Analyzed: 05/13/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08

Sample wt/vol: 1.8(g/mL) G Lab File ID: Q1158

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 24 Date Analyzed: 05/13/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	17	B
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	7	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08

Sample wt/vol: 1.8(g/mL) G Lab File ID: Q1158

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 24 Date Analyzed: 05/13/02

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08

Sample wt/vol: 1.8 (g/mL) G Lab File ID: Q1158

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 24 Date Analyzed: 05/13/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09

Sample wt/vol: 2.0(g/mL) G Lab File ID: Q1159

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 17 Date Analyzed: 05/13/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	9	JB
75-15-0	Carbon Disulfide	3	J
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	B
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09

Sample wt/vol: 2.0(g/mL) G Lab File ID: Q1159

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 17 Date Analyzed: 05/13/02

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09

Sample wt/vol: 2.0 (g/mL) G Lab File ID: Q1159

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 17 Date Analyzed: 05/13/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10

Sample wt/vol: 2.3(g/mL) G Lab File ID: Q1160

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 15 Date Analyzed: 05/13/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	26	U
74-87-3	Chloromethane	34	
75-01-4	Vinyl Chloride	26	U
74-83-9	Bromomethane	26	U
75-00-3	Chloroethane	26	U
75-69-4	Trichlorofluoromethane	26	U
75-35-4	1,1-Dichloroethene	26	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	26	U
67-64-1	Acetone	45	
75-15-0	Carbon Disulfide	7	J
79-20-9	Methyl Acetate	26	U
75-09-2	Methylene Chloride	24	J
156-60-5	trans-1,2-Dichloroethene	26	U
1634-04-4	tert-Butyl Methyl Ether	26	U
75-34-3	1,1-Dichloroethane	26	U
156-59-2	cis-1,2-Dichloroethene	26	U
78-93-3	2-Butanone	15	J
67-66-3	Chloroform	26	U
71-55-6	1,1,1-Trichloroethane	26	U
110-82-7	Cyclohexane	26	U
56-23-5	Carbon Tetrachloride	26	U
71-43-2	Benzene	26	U
107-06-2	1,2-Dichloroethane	26	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10

Sample wt/vol: 2.3(g/mL) G Lab File ID: Q1160

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 15 Date Analyzed: 05/13/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	26	U
108-87-2	Methylcyclohexane	13	J
78-87-5	1,2-Dichloropropane	26	U
75-27-4	Bromodichloromethane	26	U
10061-01-5	cis-1,3-Dichloropropene	26	U
108-10-1	4-Methyl-2-Pentanone	7	J
108-88-3	Toluene	15	J
10061-02-6	trans-1,3-Dichloropropene	26	U
79-00-5	1,1,2-Trichloroethane	26	U
127-18-4	Tetrachloroethene	26	U
591-78-6	2-Hexanone	26	U
124-48-1	Dibromochloromethane	26	U
106-93-4	1,2-Dibromoethane	26	U
108-90-7	Chlorobenzene	26	U
100-41-4	Ethylbenzene	8	J
1330-20-7	Xylene (Total)	46	
100-42-5	Styrene	26	U
75-25-2	Bromoform	26	U
98-82-8	Iscpropylbenzene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	26	U
541-73-1	1,3-Dichlorobenzene	26	U
106-46-7	1,4-Dichlorobenzene	26	U
95-50-1	1,2-Dichlorobenzene	26	U
96-12-8	1,2-Dibromo-3-chloropropane	26	U
120-82-1	1,2,4-Trichlorobenzene	26	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10

Sample wt/vol: 2.3 (g/mL) G Lab File ID: Q1160

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 15 Date Analyzed: 05/13/02

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

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

Number TICs found: 28

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.66	110	J
2.	UNKNOWN	11.10	51	J
3.	UNKNOWN	11.88	61	J
4.	UNKNOWN	12.04	180	J
5.	UNKNOWN	12.33	1200	J
6.	UNKNOWN	12.68	220	J
7.	BRANCHED ALKENE	13.09	270	J
8.	UNKNOWN	13.28	89	J
9.	C3-BENZENE ISOMER	13.68	130	J
10.	UNKNOWN	14.10	140	J
11. 103-65-1	BENZENE, PROPYL-	14.22	120	NJ
12. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	14.34	320	NJ
13. 622-96-8	BENZENE, 1-ETHYL-4-METHYL-	14.72	220	NJ
14.	UNKNOWN	14.82	60	J
15. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	14.94	570	NJ
16.	UNKNOWN	15.15	160	J
17.	UNKNOWN	15.28	120	J
18. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	15.48	540	NJ
19. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	15.77	150	NJ
20. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	15.84	260	NJ
21.	C4-BENZENE ISOMER	16.09	140	J
22.	UNKNOWN	16.52	71	J
23.	UNKNOWN	16.67	110	J
24.	C4-BENZENE ISOMER	16.92	350	J
25.	C6-BENZENE ISOMER	17.23	47	J
26.	UNKNOWN	17.47	300	J
27. 128-39-2	PHENOL, 2,6-BIS(1,1-DIMETHYL	18.50	2200	NJ
28.	UNKNOWN	18.74	240	J
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11

Sample wt/vol: 1.0(g/mL) G Lab File ID: LJ520

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 29 Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	70	U
74-87-3	Chloromethane	87	
75-01-4	Vinyl Chloride	70	U
74-83-9	Bromomethane	70	U
75-00-3	Chloroethane	70	U
75-69-4	Trichlorofluoromethane	70	U
75-35-4	1,1-Dichloroethene	70	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	70	U
67-64-1	Acetone	70	JB
75-15-0	Carbon Disulfide	70	U
79-20-9	Methyl Acetate	9	J
75-09-2	Methylene Chloride	79	B
156-60-5	trans-1,2-Dichloroethene	70	U
1634-04-4	tert-Butyl Methyl Ether	70	U
75-34-3	1,1-Dichloroethane	70	U
156-59-2	cis-1,2-Dichloroethene	70	U
78-93-3	2-Butanone	14	J
67-66-3	Chloroform	70	U
71-55-6	1,1,1-Trichloroethane	70	U
110-82-7	Cyclohexane	70	U
56-23-5	Carbon Tetrachloride	70	U
71-43-2	Benzene	70	U
107-06-2	1,2-Dichloroethane	70	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: .E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11

Sample wt/vol: 1.0(g/mL) G Lab File ID: LJ520

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 29 Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	70	U
108-87-2	Methylcyclohexane	70	U
78-87-5	1,2-Dichloropropane	70	U
75-27-4	Bromodichloromethane	70	U
10061-01-5	cis-1,3-Dichloropropene	70	U
108-10-1	4-Methyl-2-Pentanone	70	U
108-88-3	Toluene	70	U
10061-02-6	trans-1,3-Dichloropropene	70	U
79-00-5	1,1,2-Trichloroethane	70	U
127-18-4	Tetrachloroethene	70	U
591-78-6	2-Hexanone	70	U
124-48-1	Dibromochloromethane	70	U
106-93-4	1,2-Dibromoethane	70	U
108-90-7	Chlorobenzene	70	U
100-41-4	Ethylbenzene	70	U
1330-20-7	Xylene (Total)	70	U
100-42-5	Styrene	70	U
75-25-2	Bromoform	70	U
98-82-8	Isopropylbenzene	70	U
79-34-5	1,1,2,2-Tetrachloroethane	70	U
541-73-1	1,3-Dichlorobenzene	70	U
106-46-7	1,4-Dichlorobenzene	70	U
95-50-1	1,2-Dichlorobenzene	70	U
96-12-8	1,2-Dibromo-3-chloropropane	70	U
120-82-1	1,2,4-Trichlorobenzene	70	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11

Sample wt/vol: 1.0 (g/mL) G Lab File ID: LJ520

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 29 Date Analyzed: 05/16/02

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

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

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	16.31	48	J
2. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	16.75	70	NJ
3. 91-17-8	NAPHTHALENE, DECAHYDRO-	17.67	94	NJ
4.	UNKNOWN	17.86	37	J
5. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	18.50	40	NJ
6.	DECAHYDRONAPTHALENE ISOMER	18.77	63	J
7.	C4-BENZENE ISOMER	19.27	62	J
8.	UNKNOWN	20.34	60	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7RE

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11RE

Sample wt/vol: 4.7(g/mL) G Lab File ID: LJ535

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 29 Date Analyzed: 05/17/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	48	
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	15	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	62	B
75-15-0	Carbon Disulfide	4	J
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	12	JB
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	tert-Butyl Methyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	17	
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	15	U
107-06-2	1,2-Dichloroethane	15	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7RE

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11RE

Sample wt/vol: 4.7(g/mL) G Lab File ID: LJ535

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 29 Date Analyzed: 05/17/02

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W7RE

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11RE

Sample wt/vol: 4.7 (g/mL) G Lab File ID: LJ535

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 29 Date Analyzed: 05/17/02

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

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

Number TICs found: 27

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.18	15	J
2.	UNKNOWN	15.00	26	J
3.	UNKNOWN	15.46	52	J
4.	UNKNOWN	15.90	310	J
5.	C3-BENZENE ISOMER	16.03	61	J
6.	UNKNOWN	16.18	210	J
7.	UNKNOWN	16.69	310	J
8. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	16.75	450	NJ
9.	C4-BENZENE ISOMER	17.17	110	J
10.	UNKNOWN	17.41	370	J
11. 141-93-5	BENZENE, 1,3-DIETHYL-	17.56	260	NJ
12. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	17.67	670	NJ
13.	C4-BENZENE ISOMER	17.92	450	J
14. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	18.07	290	NJ
15.	UNKNOWN	18.13	440	J
16.	UNKNOWN	18.21	83	J
17.	UNKNOWN	18.30	190	J
18.	UNKNOWN	18.41	30	J
19. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	18.50	230	NJ
20.	UNKNOWN	18.63	170	J
21. 488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	18.76	160	NJ
22.	UNKNOWN	18.77	330	J
23.	UNKNOWN	18.95	52	J
24.	C4-BENZENE ISOMER	19.06	97	J
25.	UNKNOWN	19.15	92	J
26.	C5-BENZENE ISOMER	19.21	51	J
27. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	19.27	380	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12

Sample wt/vol: 1.5(g/mL) G Lab File ID: LJ521

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 27 Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	46	U
74-87-3	Chloromethane	11	J
75-01-4	Vinyl Chloride	46	U
74-83-9	Bromomethane	46	U
75-00-3	Chloroethane	46	U
75-69-4	Trichlorofluoromethane	46	U
75-35-4	1,1-Dichloroethene	46	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	46	U
67-64-1	Acetone	120	B
75-15-0	Carbon Disulfide	19	J
79-20-9	Methyl Acetate	14	J
75-09-2	Methylene Chloride	56	B
156-60-5	trans-1,2-Dichloroethene	46	U
1634-04-4	tert-Butyl Methyl Ether	46	U
75-34-3	1,1-Dichloroethane	46	U
156-59-2	cis-1,2-Dichloroethene	46	U
78-93-3	2-Butanone	17	J
67-66-3	Chloroform	46	U
71-55-6	1,1,1-Trichloroethane	46	U
110-82-7	Cyclohexane	46	U
56-23-5	Carbon Tetrachloride	46	U
71-43-2	Benzene	46	U
107-06-2	1,2-Dichloroethane	46	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12

Sample wt/vol: 1.5(g/mL) G Lab File ID: LJ521

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 27 Date Analyzed: 05/16/02

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12

Sample wt/vol: 1.5 (g/mL) G Lab File ID: LJ521

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 27 Date Analyzed: 05/16/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8RE

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12RE

Sample wt/vol: 4.7(g/mL) G Lab File ID: LJ536

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 27 Date Analyzed: 05/17/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	15	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15	U
67-64-1	Acetone	120	B
75-15-0	Carbon Disulfide	9	J
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	11	JB
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	tert-Butyl Methyl Ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	20	
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	15	U
107-06-2	1,2-Dichloroethane	15	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8RE

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12RE

Sample wt/vol: 4.7(g/mL) G Lab File ID: LJ536

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 27 Date Analyzed: 05/17/02

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

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W8RE

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12RE

Sample wt/vol: 4.7 (g/mL) G Lab File ID: LJ536

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. 27 Date Analyzed: 05/17/02

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

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

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	17.23	16	J
2.	UNKNOWN	17.66	34	J
3.	UNKNOWN	17.84	11	J
4.	UNKNOWN	18.07	11	J
5.	UNKNOWN	18.29	13	J
6. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	18.50	15	NJ
7.	UNKNOWN	18.78	22	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ397

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ397

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NC.

E00X0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-13

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ397

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ398

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ398

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X1

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ398

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	16.76	11	NJ
2. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	19.27	15	NJ
3. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	19.49	6	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ405

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	83	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	69	
107-06-2	1,2-Dichloroethane	2	J

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.:.E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ405

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	70	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	1	J
108-88-3	Toluene	65	
10061-02-6	trans-1,3-Dichloropropene	2	J
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	62	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ406

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	84	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	1	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	70	
107-06-2	1,2-Dichloroethane	2	J

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ406

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	70	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	1	J
108-88-3	Toluene	67	
10061-02-6	trans-1,3-Dichloropropene	2	J
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	62	
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ399

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ399

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-15

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ399

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 622-96-8	BENZENE, 1-ETHYL-4-METHYL-	16.15	35	NJ
2. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	16.27	18	NJ
3. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	16.53	17	NJ
4. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	16.75	72	NJ
5. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	17.11	6	NJ
6. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	17.30	49	NJ
7. 637-50-3	BENZENE, 1-PROPENYL-	17.56	19	NJ
8. 1074-17-5	BENZENE, 1-METHYL-2-PROPYL-	17.60	11	NJ
9. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	17.91	6	NJ
10. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	18.03	12	NJ
11. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	18.07	12	NJ
12. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	18.16	17	NJ
13. 767-58-8	INDAN, 1-METHYL-	18.30	22	NJ
14. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	18.55	11	NJ
15. 527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	18.67	13	NJ
16. 527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	18.74	25	NJ
17. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	19.07	18	NJ
18. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	19.27	73	NJ
19. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	19.49	31	NJ
20. 4489-84-3	BENZENE, (3-METHYL-2-BUTENYL	19.69	7	NJ
21. 17059-48-2	1H-INDENE, 2,3-DIHYDRO-1,6-D	19.76	15	NJ
22. 56253-64-6	BENZENE, (2-METHYL-1-BUTENYL	19.85	5	NJ
23. 17059-48-2	1H-INDENE, 2,3-DIHYDRO-1,6-D	19.89	12	NJ
24. 3877-19-8	NAPHTHALENE, 1,2,3,4-TETRAHY	20.21	8	NJ
25. 1559-81-5	NAPHTHALENE, 1,2,3,4-TETRAHY	20.35	11	NJ
26. 17057-82-8	1H-INDENE, 2,3-DIHYDRO-1,2-D	20.63	9	NJ
27. 1680-51-9	NAPHTHALENE, 1,2,3,4-TETRAHY	20.93	24	NJ
28. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	21.23	7	NJ
29. 1680-51-9	NAPHTHALENE, 1,2,3,4-TETRAHY	21.47	11	NJ
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ400

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ400

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ400

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	16.15	37	NJ
2. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	16.27	19	NJ
3. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	16.53	18	NJ
4. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	16.75	76	NJ
5. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	17.11	7	NJ
6. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	17.30	51	NJ
7. 496-11-7	INDANE	17.56	21	NJ
8. 1074-17-5	BENZENE, 1-METHYL-2-PROPYL-	17.60	12	NJ
9. 135-98-8	BENZENE, (1-METHYLPROPYL)-	17.92	7	NJ
10. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	18.03	12	NJ
11. 2870-04-4	BENZENE, 2-ETHYL-1,3-DIMETHY	18.07	14	NJ
12. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	18.16	19	NJ
13. 768-49-0	BENZENE, (2-METHYL-1-PROPENY	18.21	6	NJ
14. 27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	18.30	26	NJ
15. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	18.55	13	NJ
16. 527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	18.74	27	NJ
17. 582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	18.84	7	NJ
18. 767-58-8	INDAN, 1-METHYL-	19.07	20	NJ
19. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	19.27	79	NJ
20. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	19.49	35	NJ
21. 17059-48-2	1H-INDENE, 2,3-DIHYDRO-1,6-D	19.69	8	NJ
22. 17057-82-8	1H-INDENE, 2,3-DIHYDRO-1,2-D	19.76	16	NJ
23. 17059-48-2	1H-INDENE, 2,3-DIHYDRO-1,6-D	19.89	12	NJ
24. 3877-19-8	NAPHTHALENE, 1,2,3,4-TETRAHY	20.21	8	NJ
25. 56253-64-6	BENZENE, (2-METHYL-1-BUTENYL	20.35	12	NJ
26. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	20.63	9	NJ
27. 1680-51-9	NAPHTHALENE, 1,2,3,4-TETRAHY	20.93	26	NJ
28. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	21.23	8	NJ
29. 2809-64-5	NAPHTHALENE, 1,2,3,4-TETRAHY	21.47	12	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ401

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	61	
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ401

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-17

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ401

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ402

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ402

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-18

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ402

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ403

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	9	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	12	
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	24	
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	16	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ403

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-19

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ403

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00Y8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ404

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00Y8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ404

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00Y8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-20

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ404

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: OK102

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

% Moisture: not dec. _____ Date Analyzed: 05/20/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	JB
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: OK102

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

% Moisture: not dec. _____ Date Analyzed: 05/20/02

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

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

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

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-21

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: OK102

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

% Moisture: not dec. _____ Date Analyzed: 05/20/02

GC Column: RTX-VOL ID: 0.53 (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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V120516-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LJ508

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

% Moisture: not dec. _____ Date Analyzed: 05/16/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	2	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	8	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V120516-B1

Sample wt/vol: 5.0(g/mL) G Lab File ID: LJ508

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

% Moisture: not dec. _____ Date Analyzed: 05/16/02

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

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

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

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKLM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V120516-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LJ508

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

% Moisture: not dec. _____ Date Analyzed: 05/16/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: V120511-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ388

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

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: V120511-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ388

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

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKLN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: V120511-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LJ388

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

% Moisture: not dec. _____ Date Analyzed: 05/11/02

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

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V120517-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LJ529

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

% Moisture: not dec. _____ Date Analyzed: 05/17/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	2	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	4	J
75-09-2	Methylene Chloride	9	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V120517-B1

Sample wt/vol: 5.0(g/mL) G Lab File ID: LJ529

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

% Moisture: not dec. _____ Date Analyzed: 05/17/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKLO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V120517-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: LJ529

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

% Moisture: not dec. _____ Date Analyzed: 05/17/02

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

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKOF

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: V150520-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: OK090

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

% Moisture: not dec. _____ Date Analyzed: 05/20/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKOF

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: V150520-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: OK090

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

% Moisture: not dec. _____ Date Analyzed: 05/20/02

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

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

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

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKOF

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: V150520-B1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: OK090

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

% Moisture: not dec. _____ Date Analyzed: 05/20/02

GC Column: RTX-VOL ID: 0.53 (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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKQM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V170512-B1

Sample wt/vol: 5.0(g/mL) G Lab File ID: Q1143

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	9	J
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	tert-Butyl Methyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKQM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V170512-B1

Sample wt/vol: 5.0(g/mL) G Lab File ID: Q1143

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

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

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKQM

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: V170512-B1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: Q1143

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

% Moisture: not dec. _____ Date Analyzed: 05/12/02

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

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

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	SBLKDN	47	52	59	52	52	52	48	50	0
02	E00T3	0D	83	83	63	59	59	59	61	0
03	E00T4	50	70	85	62	52	12D	55	55	0
04	E00T4MS	55	75	95	66	59	13D	59	60	0
05	E00T4MSD	48	65	75	59	48	12D	52	50	0
06	E00T7	0D	68	74	61	43	0D	43	0D	0
07	E00W0	47	63	74	57	54	39	54	53	0
08	E00W6	0D	0D	0D	0D	0D	0D	0D	0D	0
09	E00W8	0D	0D	0D	0D	0D	0D	0D	0D	0
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		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

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Level: (low/med) MED

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLKAA	48	50	52	52	48	56	47	48	0
02	E00T6	54	85	69	67	58	61	61	61	0
03	E00T6MS	49	66	56	57	50	58	53	54	0
04	E00T6MSD	36	58	54	45	36	60	41	37	0
05	SBLKDC	44	50	46	48	45	48	44	48	0
06	E00W2	0D	0D	0D	0D	0D	0D	0D	0D	0
07	E00W3	0D	75	68	64	54	63	62	0D	0
08	E00W4	0D	76	61	66	58	52	63	61	0
09	E00W5	59	83	68	72	67	62	68	68	0
10	E00W7	61	78	64	67	63	61	63	61	0
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		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

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
C1	SBLKIW	86	80	78	81	76	93	72	86	0
C2	E00X6	78	74	52	75	68	84	67	82	0
C3	E00X7	86	80	70	80	67	83	73	88	0
C4	E00Y8	88	78	52	80	75	88	71	88	0
C5	SBLKDA	66	64	64	73	72	75	68	56	0
C6	E00X0	64	74	58	64	63	68	61	64	0
C7	E00X1	74	72	48	63	65	75	65	66	0
C8	E00X1MS	72	72	48	63	67	76	64	68	0
C9	E00X1MSD	68	70	50	59	65	75	63	64	0
10	E00X3	64	68	16*	59	60	71	61	60	1
11	E00X4	74	74	22*	67	69	79	67	60	1
12	E00X5	74	74	48	72	71	72	69	64	0
13	E00X4DL	68	70	20D	68	65	73	68	62	0
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		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

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix Spike - EPA Sample No.: E00T4 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	2900	0.0	1800	62	26- 90
2-Chlorophenol	2900	0.0	1700	59	25-102
N-Nitroso-di-n-prop.(1)	2000	0.0	1100	55	41-126
4-Chloro-3-Methylphenol	2900	0.0	2200	76	26-103
Acenaphthene	2000	0.0	1600	80	31-137
4-Nitrophenol	2900	0.0	890	31	11-114
2,4-Dinitrotoluene	2000	0.0	1300	65	28- 89
Pentachlorophenol	2900	0.0	0.0	0*	17-109
Pyrene	2000	620	2300	84	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	2900	1700	59	5	35	26- 90
2-Chlorophenol	2900	1400	48	21	50	25-102
N-Nitroso-di-n-prop.(1)	2000	990	50	10	38	41-126
4-Chloro-3-Methylphenol	2900	1900	66	14	33	26-103
Acenaphthene	2000	1400	70	13	19	31-137
4-Nitrophenol	2900	730	25	21	50	11-114
2,4-Dinitrotoluene	2000	1200	60	8	47	28- 89
Pentachlorophenol	2900	0.0	0*		47	17-109
Pyrene	2000	1900	64	27	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 9 outside limits
Spike Recovery: 2 out of 18 outside limits

COMMENTS: _____

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix Spike - EPA Sample No.: E00T6 Level:(low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	88000	0.0	51000	58	26- 90
2-Chlorophenol	88000	0.0	45000	51	25-102
N-Nitroso-di-n-prop.(1)	59000	0.0	31000	53	41-126
4-Chloro-3-Methylphenol	88000	0.0	53000	60	26-103
Acenaphthene	59000	0.0	41000	69	31-137
4-Nitrophenol	88000	0.0	48000	55	11-114
2,4-Dinitrotoluene	59000	0.0	33000	56	28- 89
Pentachlorophenol	88000	0.0	20000	23	17-109
Pyrene	59000	0.0	41000	69	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	88000	42000	48	19	35	26- 90
2-Chlorophenol	88000	36000	41	22	50	25-102
N-Nitroso-di-n-prop.(1)	59000	24000	41	26	38	41-126
4-Chloro-3-Methylphenol	88000	52000	59	2	33	26-103
Acenaphthene	59000	38000	64	8	19	31-137
4-Nitrophenol	88000	49000	56	2	50	11-114
2,4-Dinitrotoluene	59000	33000	56	0	47	28- 89
Pentachlorophenol	88000	19000	22	4	47	17-109
Pyrene	59000	40000	68	1	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 9 outside limits
Spike Recovery: 0 out of 18 outside limits

COMMENTS: _____

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix Spike - EPA Sample No.: E00X1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Phenol	75	0.0	52	69	12-110
2-Chlorophenol	75	0.0	47	63	27-123
N-Nitroso-di-n-prop.(1)	50	0.0	26	52	41-116
4-Chloro-3-Methylphenol	75	0.0	53	71	23- 97
Acenaphthene	50	0.0	33	66	46-118
4-Nitrophenol	75	0.0	56	75	10- 80
2,4-Dinitrotoluene	50	0.0	41	82	24- 96
Pentachlorophenol	75	0.0	69	92	9-103
Pyrene	50	0.0	30	60	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	75	49	65	6	42	12-110
2-Chlorophenol	75	46	61	3	40	27-123
N-Nitroso-di-n-prop.(1)	50	29	58	11	38	41-116
4-Chloro-3-Methylphenol	75	53	71	0	42	23- 97
Acenaphthene	50	33	66	0	31	46-118
4-Nitrophenol	75	59	79	5	50	10- 80
2,4-Dinitrotoluene	50	41	82	0	38	24- 96
Pentachlorophenol	75	69	92	0	50	9-103
Pyrene	50	32	64	6	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

RPD: 0 out of 9 outside limits
Spike Recovery: 0 out of 18 outside limits

COMMENTS: _____

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKAA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: AC468 Lab Sample ID: MS0515-B5A

Instrument ID: MS1 Date Extracted: 05/15/02

Matrix: (soil/water) SOIL Date Analyzed: 05/21/02

Level: (low/med) MED Time Analyzed: 0948

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00W2	020440-06	AC478	05/21/02
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03				
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKDA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: DC740 Lab Sample ID: S0504-BB5D

Instrument ID: MS4 Date Extracted: 05/04/02

Matrix: (soil/water) WATER Date Analyzed: 05/16/02

Level:(low/med) LOW Time Analyzed: 1206

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00XC	020440-13	DC759	05/17/02
02	E00X1	020440-14	DC760	05/17/02
03	E00X1MS	020440-14MS	DC761	05/17/02
04	E00X1MSD	020440-14MSD	DC762	05/17/02
05	E00X3	020440-15	DC763	05/17/02
06	E00X4	020440-16	DC764	05/17/02
07	E00X5	020440-17	DC765	05/17/02
08	E00X4DL	020440-16DL	DC782	05/18/02
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKDN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: DC826 Lab Sample ID: S0512-B3D

Instrument ID: MS4 Date Extracted: 05/12/02

Matrix: (soil/water) SOIL Date Analyzed: 05/21/02

Level:(low/med) LOW Time Analyzed: 0919

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00T3	020440-01	DC827	05/21/02
02	E00T4	020440-02	DC828	05/21/02
03	E00T4MS	020440-02MS	DC829	05/21/02
04	E00T4MSD	020440-02MSD	DC830	05/21/02
05	E00T7	020440-04	DC835	05/21/02
06	E00WC	020440-05	DC836	05/21/02
07	E00W6	020440-10	DC840	05/21/02
08	E00W8	020440-12	DC841	05/21/02
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COMMENTS:

FORM IV SV

OLM04.2

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKDO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: DC834 Lab Sample ID: MS0515-B5D

Instrument ID: MS4 Date Extracted: 05/15/02

Matrix: (soil/water) SOIL Date Analyzed: 05/21/02

Level: (low/med) MED Time Analyzed: 1332

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00T6	020440-03	DC831	05/21/02
02	E00T6MS	020440-03MS	DC832	05/21/02
03	E00T6MSD	020440-03MSD	DC833	05/21/02
04	E00W3	020440-07	DC842	05/21/02
05	E00W4	020440-08	DC843	05/21/02
06	E00W5	020440-09	DC844	05/21/02
07	E00W7	020440-11	DC845	05/21/02
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKIW

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab File ID: IF261 Lab Sample ID: S0505-B1I

Instrument ID: MS9 Date Extracted: 05/05/02

Matrix: (soil/water) WATER Date Analyzed: 05/16/02

Level: (low/med) LOW Time Analyzed: 0939

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E00X6	020440-18	IF262	05/16/02
02	E00X7	020440-19	IF263	05/16/02
03	E00Y8	020440-20	IF264	05/16/02
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COMMENTS:

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01

Sample wt/vol: 30.0(g/mL) G Lab File ID: DC827

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 8 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 8.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(-2-Chloroethyl)Ether	11000	U
95-57-8	2-Chlorophenol	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11000	U
98-86-2	Acetophenone	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	N-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(-2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
105-60-2	Caprolactam	11000	U
59-50-7	4-Chloro-3-Methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	27000	U
92-52-4	1,1'-Biphenyl	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	27000	U
131-11-3	Dimethylphthalate	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
208-96-8	Acenaphthylene	11000	U
99-09-2	3-Nitroaniline	27000	U
83-32-9	Acenaphthene	11000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01

Sample wt/vol: 30.0(g/mL) G Lab File ID: DC827

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 8 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 8.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	27000	U
100-02-7	4-Nitrophenol	27000	U
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	27000	U
534-52-1	4,6-Dinitro-2-methylphenol	27000	U
86-30-6	N-nitrosodiphenylamine (1)	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
1912-24-9	Atrazine	11000	U
87-86-5	Pentachlorophenol	27000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
86-74-8	Carbazole	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
56-55-3	Benzo(a)anthracene	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo(b)fluoranthene	11000	U
207-08-9	Benzo(k)fluoranthene	11000	U
50-32-8	Benzo(a)pyrene	11000	U
193-39-5	Indeno(1,2,3-cd)pyrene	11000	U
53-70-3	Dibenzo(a,h)anthracene	11000	U
191-24-2	Benzo(g,h,i)perylene	11000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: DC827

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 8 Decanted: (Y/N) N Date Extracted:05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 8.9 Extraction: (Type) SONC

Number TICs found: 19

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.66	2200	JB
2.	UNKNOWN	9.77	2600	J
3.	UNKNOWN PAH	12.34	10000	J
4.	UNKNOWN	12.92	29000	J
5.	UNKNOWN	13.12	18000	J
6.	UNKNOWN	13.40	4500	J
7.	UNKNOWN	15.40	3900	J
8.	UNKNOWN	15.95	9700	J
9.	UNKNOWN	16.15	3600	J
10.	UNKNOWN	16.52	3000	J
11.	UNKNOWN	16.81	6600	J
12.	UNKNOWN	17.01	3700	J
13.	UNKNOWN	17.27	4000	J
14.	UNKNOWN	17.58	2600	J
15. 29261-12-9	9,10-SECOCHOLESTA-5,7,10(19)	17.70	2400	NJ
16.	UNKNOWN	18.39	3800	J
17.	UNKNOWN	18.76	7400	J
18.	UNKNOWN	19.18	5100	J
19.	UNKNOWN	20.77	3700	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02

Sample wt/vol: 30.4(g/mL) G Lab File ID: DC828

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(-2-Chloroethyl)Ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
106-44-5	4-Methylphenol	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(-2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-Methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	4800	U
92-52-4	1,1'-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
208-96-8	Acenaphthylene	1900	U
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	1900	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02

Sample wt/vol: 30.4(g/mL) G Lab File ID: DC828

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4800	U
100-02-7	4-Nitrophenol	4800	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
86-73-7	Fluorene	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
100-01-6	4-Nitroaniline	4800	U
534-52-1	4,6-Dinitro-2-methylphenol	4800	U
86-30-6	N-nitrosodiphenylamine (1)	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	270	J
120-12-7	Anthracene	1900	U
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	690	J
129-00-0	Pyrene	620	J
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	360	J
218-01-9	Chrysene	410	J
117-81-7	bis(2-Ethylhexyl)phthalate	510	JB
117-84-0	Di-n-octylphthalate	1900	U
205-99-2	Benzo(b)fluoranthene	470	J
207-08-9	Benzo(k)fluoranthene	300	J
50-32-8	Benzo(a)pyrene	290	J
193-39-5	Indeno(1,2,3-cd)pyrene	260	J
53-70-3	Dibenzo(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	260	J

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02

Sample wt/vol: 30.4 (g/mL) G Lab File ID: DC828

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 16 Decanted: (Y/N) N Date Extracted:05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

Number TICs found: 11

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.66	3100	JB
2.	UNKNOWN PAH	12.92	1300	J
3.	UNKNOWN	13.67	600	J
4.	UNKNOWN	14.58	1000	J
5.	UNKNOWN	15.19	750	J
6.	UNKNOWN	15.66	2000	J
7.	UNKNOWN	15.95	1000	J
8.	UNKNOWN	16.74	1800	J
9.	UNKNOWN	17.11	640	J
10.	UNKNOWN	17.39	640	J
11.	UNKNOWN	18.74	800	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MS

Sample wt/vol: 30.4(g/mL) G Lab File ID: DC829

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1800	J
111-44-4	bis(-2-Chloroethyl)Ether	1900	U
95-57-8	2-Chlorophenol	1700	J
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
106-44-5	4-Methylphenol	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1100	J
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(-2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-Methylphenol	2200	
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	4800	U
92-52-4	1,1'-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
208-96-8	Acenaphthylene	1900	U
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	1600	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MS

Sample wt/vol: 30.4(g/mL) G Lab File ID: DC829

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4800	U
100-02-7	4-Nitrophenol	890	J
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1300	J
84-66-2	Diethylphthalate	1900	U
86-73-7	Fluorene	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
100-01-6	4-Nitroaniline	4800	U
534-52-1	4,6-Dinitro-2-methylphenol	4800	U
86-30-6	N-nitrosodiphenylamine (1)	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1900	U
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	490	J
129-00-0	Pyrene	2300	
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	220	J
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	U
117-84-0	Di-n-octylphthalate	1900	U
205-99-2	Benzo(b)fluoranthene	280	J
207-08-9	Benzo(k)fluoranthene	260	J
50-32-8	Benzo(a)pyrene	200	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenzo(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	1900	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MSD

Sample wt/vol: 30.4(g/mL) G Lab File ID: DC830

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1700	J
111-44-4	bis(-2-Chloroethyl)Ether	1900	U
95-57-8	2-Chlorophenol	1400	J
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
106-44-5	4-Methylphenol	1900	U
621-64-7	N-Nitroso-di-n-propylamine	990	J
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(-2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-Methylphenol	1900	J
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	4800	U
92-52-4	1,1'-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
208-96-8	Acenaphthylene	1900	U
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	1400	J

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MSD

Sample wt/vol: 30.4(g/mL) G Lab File ID: DC830

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4800	U
100-02-7	4-Nitrophenol	730	J
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1200	J
84-66-2	Diethylphthalate	1900	U
86-73-7	Fluorene	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
100-01-6	4-Nitroaniline	4800	U
534-52-1	4,6-Dinitro-2-methylphenol	4800	U
86-30-6	N-nitrosodiphenylamine (1)	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	230	J
120-12-7	Anthracene	1900	U
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	490	J
129-00-0	Pyrene	1900	J
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	210	J
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	U
117-84-0	Di-n-octylphthalate	1900	U
205-99-2	Benzo(b)fluoranthene	220	J
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	1900	U
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U
53-70-3	Dibenzo(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	1900	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC831

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	59000	U
108-95-2	Phenol	59000	U
111-44-4	bis(-2-Chloroethyl)Ether	59000	U
95-57-8	2-Chlorophenol	59000	U
95-48-7	2-Methylphenol	59000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	59000	U
98-86-2	Acetophenone	59000	U
106-44-5	4-Methylphenol	59000	U
621-64-7	N-Nitroso-di-n-propylamine	59000	U
67-72-1	Hexachloroethane	59000	U
98-95-3	Nitrobenzene	59000	U
78-59-1	Isophorone	59000	U
88-75-5	2-Nitrophenol	59000	U
105-67-9	2,4-Dimethylphenol	59000	U
111-91-1	bis(-2-Chloroethoxy)methane	59000	U
120-83-2	2,4-Dichlorophenol	59000	U
91-20-3	Naphthalene	59000	U
106-47-8	4-Chloroaniline	59000	U
87-68-3	Hexachlorobutadiene	59000	U
105-60-2	Caprolactam	59000	U
59-50-7	4-Chloro-3-Methylphenol	59000	U
91-57-6	2-Methylnaphthalene	59000	U
77-47-4	Hexachlorocyclopentadiene	59000	U
88-06-2	2,4,6-Trichlorophenol	59000	U
95-95-4	2,4,5-Trichlorophenol	150000	U
92-52-4	1,1'-Biphenyl	59000	U
91-58-7	2-Chloronaphthalene	59000	U
88-74-4	2-Nitroaniline	150000	U
131-11-3	Dimethylphthalate	59000	U
606-20-2	2,6-Dinitrotoluene	59000	U
208-96-8	Acenaphthylene	59000	U
99-09-2	3-Nitroaniline	150000	U
83-32-9	Acenaphthene	59000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC831

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	150000	U
100-02-7	4-Nitrophenol	150000	U
132-64-9	Dibenzofuran	59000	U
121-14-2	2,4-Dinitrotoluene	59000	U
84-66-2	Diethylphthalate	59000	U
86-73-7	Fluorene	59000	U
7005-72-3	4-Chlorophenyl-phenylether	59000	U
100-01-6	4-Nitroaniline	150000	U
534-52-1	4,6-Dinitro-2-methylphenol	150000	U
86-30-6	N-nitrosodiphenylamine (1)	59000	U
101-55-3	4-Bromophenyl-phenylether	59000	U
118-74-1	Hexachlorobenzene	59000	U
1912-24-9	Atrazine	59000	U
87-86-5	Pentachlorophenol	150000	U
85-01-8	Phenanthrene	59000	U
120-12-7	Anthracene	59000	U
86-74-8	Carbazole	59000	U
84-74-2	Di-n-butylphthalate	59000	U
206-44-0	Fluoranthene	59000	U
129-00-0	Pyrene	59000	U
85-68-7	Butylbenzylphthalate	59000	U
91-94-1	3,3'-Dichlorobenzidine	59000	U
56-55-3	Benzo(a)anthracene	59000	U
218-01-9	Chrysene	59000	U
117-81-7	bis(2-Ethylhexyl)phthalate	59000	U
117-84-0	Di-n-octylphthalate	59000	U
205-99-2	Benzo(b)fluoranthene	59000	U
207-08-9	Benzo(k)fluoranthene	59000	U
50-32-8	Benzo(a)pyrene	59000	U
193-39-5	Indeno(1,2,3-cd)pyrene	59000	U
53-70-3	Dibenzo(a,h)anthracene	59000	U
191-24-2	Benzo(g,h,i)perylene	59000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DC831

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N) N Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

Number TICs found: 9

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.66	78000	JB
2.	UNKNOWN	6.60	12000	J
3.	UNKNOWN	10.46	17000	J
4.	UNKNOWN	14.56	21000	J
5.	UNKNOWN	14.98	42000	J
6.	UNKNOWN	15.20	130000	J
7.	UNKNOWN	15.50	48000	J
8.	UNKNOWN	16.23	53000	J
9.	UNKNOWN	17.12	37000	J
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03MS

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC832

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	59000	U
108-95-2	Phenol	51000	J
111-44-4	bis(-2-Chloroethyl)Ether	59000	U
95-57-8	2-Chlorophenol	45000	J
95-48-7	2-Methylphenol	59000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	59000	U
98-86-2	Acetophenone	59000	U
106-44-5	4-Methylphenol	59000	U
621-64-7	N-Nitroso-di-n-propylamine	31000	J
67-72-1	Hexachloroethane	59000	U
98-95-3	Nitrobenzene	59000	U
78-59-1	Isophorone	59000	U
88-75-5	2-Nitrophenol	59000	U
105-67-9	2,4-Dimethylphenol	59000	U
111-91-1	bis(-2-Chloroethoxy)methane	59000	U
120-83-2	2,4-Dichlorophenol	59000	U
91-20-3	Naphthalene	59000	U
106-47-8	4-Chloroaniline	59000	U
87-68-3	Hexachlorobutadiene	59000	U
105-60-2	Caprolactam	59000	U
59-50-7	4-Chloro-3-Methylphenol	53000	J
91-57-6	2-Methylnaphthalene	59000	U
77-47-4	Hexachlorocyclopentadiene	59000	U
88-06-2	2,4,6-Trichlorophenol	59000	U
95-95-4	2,4,5-Trichlorophenol	150000	U
92-52-4	1,1'-Biphenyl	59000	U
91-58-7	2-Chloronaphthalene	59000	U
88-74-4	2-Nitroaniline	150000	U
131-11-3	Dimethylphthalate	59000	U
606-20-2	2,6-Dinitrotoluene	59000	U
208-96-8	Acenaphthylene	59000	U
99-09-2	3-Nitroaniline	150000	U
83-32-9	Acenaphthene	41000	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03MS

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC832

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	150000	U
100-02-7	4-Nitrophenol	48000	J
132-64-9	Dibenzofuran	59000	U
121-14-2	2,4-Dinitrotoluene	33000	J
84-66-2	Diethylphthalate	59000	U
86-73-7	Fluorene	59000	U
7005-72-3	4-Chlorophenyl-phenylether	59000	U
100-01-6	4-Nitroaniline	150000	U
534-52-1	4,6-Dinitro-2-methylphenol	150000	U
86-30-6	N-nitrosodiphenylamine (1)	59000	U
101-55-3	4-Bromophenyl-phenylether	59000	U
118-74-1	Hexachlorobenzene	59000	U
1912-24-9	Atrazine	59000	U
87-86-5	Pentachlorophenol	20000	J
85-01-8	Phenanthrene	59000	U
120-12-7	Anthracene	59000	U
86-74-8	Carbazole	59000	U
84-74-2	Di-n-butylphthalate	59000	U
206-44-0	Fluoranthene	59000	U
129-00-0	Pyrene	41000	J
85-68-7	Butylbenzylphthalate	59000	U
91-94-1	3,3'-Dichlorobenzidine	59000	U
56-55-3	Benzo(a)anthracene	59000	U
218-01-9	Chrysene	59000	U
117-81-7	bis(2-Ethylhexyl)phthalate	59000	U
117-84-0	Di-n-octylphthalate	59000	U
205-99-2	Benzo(b)fluoranthene	59000	U
207-08-9	Benzo(k)fluoranthene	59000	U
50-32-8	Benzo(a)pyrene	59000	U
193-39-5	Indeno(1,2,3-cd)pyrene	59000	U
53-70-3	Dibenzo(a,h)anthracene	59000	U
191-24-2	Benzo(g,h,i)perylene	59000	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03MSD

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC833

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	59000	U
108-95-2	Phenol	42000	J
111-44-4	bis(-2-Chloroethyl)Ether	59000	U
95-57-8	2-Chlorophenol	36000	J
95-48-7	2-Methylphenol	59000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	59000	U
98-86-2	Acetophenone	59000	U
106-44-5	4-Methylphenol	59000	U
621-64-7	N-Nitroso-di-n-propylamine	24000	J
67-72-1	Hexachloroethane	59000	U
98-95-3	Nitrobenzene	59000	U
78-59-1	Isophorone	59000	U
88-75-5	2-Nitrophenol	59000	U
105-67-9	2,4-Dimethylphenol	59000	U
111-91-1	bis(-2-Chloroethoxy)methane	59000	U
120-83-2	2,4-Dichlorophenol	59000	U
91-20-3	Naphthalene	59000	U
106-47-8	4-Chloroaniline	59000	U
87-68-3	Hexachlorobutadiene	59000	U
105-60-2	Caprolactam	59000	U
59-50-7	4-Chloro-3-Methylphenol	52000	J
91-57-6	2-Methylnaphthalene	59000	U
77-47-4	Hexachlorocyclopentadiene	59000	U
88-06-2	2,4,6-Trichlorophenol	59000	U
95-95-4	2,4,5-Trichlorophenol	150000	U
92-52-4	1,1'-Biphenyl	59000	U
91-58-7	2-Chloronaphthalene	59000	U
88-74-4	2-Nitroaniline	150000	U
131-11-3	Dimethylphthalate	59000	U
606-20-2	2,6-Dinitrotoluene	59000	U
208-96-8	Acenaphthylene	59000	U
99-09-2	3-Nitroaniline	150000	U
83-32-9	Acenaphthene	38000	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03MSD

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC833

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 9.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	150000	U
100-02-7	4-Nitrophenol	49000	J
132-64-9	Dibenzofuran	59000	U
121-14-2	2,4-Dinitrotoluene	33000	J
84-66-2	Diethylphthalate	59000	U
86-73-7	Fluorene	59000	U
7005-72-3	4-Chlorophenyl-phenylether	59000	U
100-01-6	4-Nitroaniline	150000	U
534-52-1	4,6-Dinitro-2-methylphenol	150000	U
86-30-6	N-nitrosodiphenylamine (1)	59000	U
101-55-3	4-Bromophenyl-phenylether	59000	U
118-74-1	Hexachlorobenzene	59000	U
1912-24-9	Atrazine	59000	U
87-86-5	Pentachlorophenol	19000	J
85-01-8	Phenanthrene	59000	U
120-12-7	Anthracene	59000	U
86-74-8	Carbazole	59000	U
84-74-2	Di-n-butylphthalate	59000	U
206-44-0	Fluoranthene	59000	U
129-00-0	Pyrene	40000	J
85-68-7	Butylbenzylphthalate	59000	U
91-94-1	3,3'-Dichlorobenzidine	59000	U
56-55-3	Benzo(a)anthracene	59000	U
218-01-9	Chrysene	59000	U
117-81-7	bis(2-Ethylhexyl)phthalate	16000	JB
117-84-0	Di-n-octylphthalate	59000	U
205-99-2	Benzo(b)fluoranthene	59000	U
207-08-9	Benzo(k)fluoranthene	59000	U
50-32-8	Benzo(a)pyrene	59000	U
193-39-5	Indeno(1,2,3-cd)pyrene	59000	U
53-70-3	Dibenzo(a,h)anthracene	59000	U
191-24-2	Benzo(g,h,i)perylene	59000	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-04

Sample wt/vol: 30.3(g/mL) G Lab File ID: DC835

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 11 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 9.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(-2-Chloroethyl)Ether	11000	U
95-57-8	2-Chlorophenol	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11000	U
98-86-2	Acetophenone	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	N-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(-2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
105-60-2	Caprolactam	11000	U
59-50-7	4-Chloro-3-Methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	28000	U
92-52-4	1,1'-Biphenyl	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	28000	U
131-11-3	Dimethylphthalate	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
208-96-8	Acenaphthylene	11000	U
99-09-2	3-Nitroaniline	28000	U
83-32-9	Acenaphthene	11000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: C20440-04

Sample wt/vol: 30.3(g/mL) G Lab File ID: DC835

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 11 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 9.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	28000	U
100-02-7	4-Nitrophenol	28000	U
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	28000	U
534-52-1	4,6-Dinitro-2-methylphenol	28000	U
86-30-6	N-nitrosodiphenylamine (1)	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
1912-24-9	Atrazine	11000	U
87-86-5	Pentachlorophenol	28000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
86-74-8	Carbazole	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
56-55-3	Benzo(a)anthracene	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	1400	J
205-99-2	Benzo(b)fluoranthene	11000	U
207-08-9	Benzo(k)fluoranthene	11000	U
50-32-8	Benzo(a)pyrene	11000	U
193-39-5	Indeno(1,2,3-cd)pyrene	11000	U
53-70-3	Dibenzo(a,h)anthracene	11000	U
191-24-2	Benzo(g,h,i)perylene	11000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00T7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-04

Sample wt/vol: 30.3 (g/mL) G Lab File ID: DC835

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 11 Decanted: (Y/N) N Date Extracted:05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 9.7 Extraction: (Type) SONC

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.65	9300	JB
2.	UNKNOWN	6.60	6100	J
3. 585-34-2	PHENOL, M-TERT-BUTYL-	7.49	4000	NJ
4.	UNKNOWN	10.50	7800	J
5.	UNKNOWN	10.64	3100	J
6.	UNKNOWN	11.39	2700	J
7.	UNKNOWN	11.72	4300	J
8.	UNKNOWN	11.88	4400	J
9.	UNKNOWN	14.97	27000	J
10.	UNKNOWN	15.44	13000	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05

Sample wt/vol: 30.3 (g/mL) G Lab File ID: DC836

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 05/12/02

Concentrated Extract Volume: 500 (uL) Date Analyzed: 05/21/02

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	3700	U
108-95-2	Phenol	3700	U
111-44-4	bis(-2-Chloroethyl)Ether	3700	U
95-57-8	2-Chlorophenol	3700	U
95-48-7	2-Methylphenol	3700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3700	U
98-86-2	Acetophenone	3700	U
106-44-5	4-Methylphenol	3700	U
621-64-7	N-Nitroso-di-n-propylamine	3700	U
67-72-1	Hexachloroethane	3700	U
98-95-3	Nitrobenzene	3700	U
78-59-1	Isophorone	3700	U
88-75-5	2-Nitrophenol	3700	U
105-67-9	2,4-Dimethylphenol	3700	U
111-91-1	bis(-2-Chloroethoxy)methane	3700	U
120-83-2	2,4-Dichlorophenol	3700	U
91-20-3	Naphthalene	3700	U
106-47-8	4-Chloroaniline	3700	U
87-68-3	Hexachlorobutadiene	3700	U
105-60-2	Caprolactam	3700	U
59-50-7	4-Chloro-3-Methylphenol	3700	U
91-57-6	2-Methylnaphthalene	3700	U
77-47-4	Hexachlorocyclopentadiene	3700	U
88-06-2	2,4,6-Trichlorophenol	3700	U
95-95-4	2,4,5-Trichlorophenol	9300	U
92-52-4	1,1'-Biphenyl	3700	U
91-58-7	2-Chloronaphthalene	3700	U
88-74-4	2-Nitroaniline	9300	U
131-11-3	Dimethylphthalate	3700	U
606-20-2	2,6-Dinitrotoluene	3700	U
208-96-8	Acenaphthylene	3700	U
99-09-2	3-Nitroaniline	9300	U
83-32-9	Acenaphthene	3700	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05

Sample wt/vol: 30.3(g/mL) G Lab File ID: DC836

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 12 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	9300	U
100-02-7	4-Nitrophenol	9300	U
132-64-9	Dibenzofuran	3700	U
121-14-2	2,4-Dinitrotoluene	3700	U
84-66-2	Diethylphthalate	3700	U
86-73-7	Fluorene	3700	U
7005-72-3	4-Chlorophenyl-phenylether	3700	U
100-01-6	4-Nitroaniline	9300	U
534-52-1	4,6-Dinitro-2-methylphenol	9300	U
86-30-6	N-nitrosodiphenylamine (1)	3700	U
101-55-3	4-Bromophenyl-phenylether	3700	U
118-74-1	Hexachlorobenzene	3700	U
1912-24-9	Atrazine	3700	U
87-86-5	Pentachlorophenol	9300	U
85-01-8	Phenanthrene	5400	
120-12-7	Anthracene	1500	J
86-74-8	Carbazole	520	J
84-74-2	Di-n-butylphthalate	3700	U
206-44-0	Fluoranthene	13000	
129-00-0	Pyrene	8600	
85-68-7	Butylbenzylphthalate	3700	U
91-94-1	3,3'-Dichlorobenzidine	3700	U
56-55-3	Benzo(a)anthracene	5500	
218-01-9	Chrysene	5100	
117-81-7	bis(2-Ethylhexyl)phthalate	3700	U
117-84-0	Di-n-octylphthalate	3700	U
205-99-2	Benzo(b)fluoranthene	3300	J
207-08-9	Benzo(k)fluoranthene	4400	
50-32-8	Benzo(a)pyrene	2400	J
193-39-5	Indeno(1,2,3-cd)pyrene	1600	J
53-70-3	Dibenzo(a,h)anthracene	580	J
191-24-2	Benzo(g,h,i)perylene	1100	J

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05

Sample wt/vol: 30.3 (g/mL) G Lab File ID: DC836

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 12 Decanted: (Y/N) N Date Extracted:05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.64	2600	JB
2. 832-71-3	PHENANTHRENE, 3-METHYL-	11.60	1200	NJ
3. 198-55-0	PERYLENE	16.38	5500	NJ
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W2

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06

Sample wt/vol: 1.0(g/mL) G Lab File ID: AC478

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1200000	U
108-95-2	Phenol	1200000	U
111-44-4	bis(-2-Chloroethyl)Ether	1200000	U
95-57-8	2-Chlorophenol	1200000	U
95-48-7	2-Methylphenol	1200000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1200000	U
98-86-2	Acetophenone	1200000	U
106-44-5	4-Methylphenol	1200000	U
621-64-7	N-Nitroso-di-n-propylamine	1200000	U
67-72-1	Hexachloroethane	1200000	U
98-95-3	Nitrobenzene	1200000	U
78-59-1	Isophorone	1200000	U
88-75-5	2-Nitrophenol	1200000	U
105-67-9	2,4-Dimethylphenol	1200000	U
111-91-1	bis(-2-Chloroethoxy)methane	1200000	U
120-83-2	2,4-Dichlorophenol	1200000	U
91-20-3	Naphthalene	1200000	U
106-47-8	4-Chloroaniline	1200000	U
87-68-3	Hexachlorobutadiene	1200000	U
105-60-2	Caprolactam	1200000	U
59-50-7	4-Chloro-3-Methylphenol	1200000	U
91-57-6	2-Methylnaphthalene	1200000	U
77-47-4	Hexachlorocyclopentadiene	1200000	U
88-06-2	2,4,6-Trichlorophenol	1200000	U
95-95-4	2,4,5-Trichlorophenol	2900000	U
92-52-4	1,1'-Biphenyl	1200000	U
91-58-7	2-Chloronaphthalene	1200000	U
88-74-4	2-Nitroaniline	2900000	U
131-11-3	Dimethylphthalate	1200000	U
606-20-2	2,6-Dinitrotoluene	1200000	U
208-96-8	Acenaphthylene	1200000	U
99-09-2	3-Nitroaniline	2900000	U
83-32-9	Acenaphthene	1200000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W2

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06

Sample wt/vol: 1.0(g/mL) G Lab File ID: AC478

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2900000	U
100-02-7	4-Nitrophenol	2900000	U
132-64-9	Dibenzofuran	1200000	U
121-14-2	2,4-Dinitrotoluene	1200000	U
84-66-2	Diethylphthalate	1200000	U
86-73-7	Fluorene	1200000	U
7005-72-3	4-Chlorophenyl-phenylether	1200000	U
100-01-6	4-Nitroaniline	2900000	U
534-52-1	4,6-Dinitro-2-methylphenol	2900000	U
86-30-6	N-nitrosodiphenylamine (1)	1200000	U
101-55-3	4-Bromophenyl-phenylether	1200000	U
118-74-1	Hexachlorobenzene	1200000	U
1912-24-9	Atrazine	1200000	U
87-86-5	Pentachlorophenol	2900000	U
85-01-8	Phenanthrene	1200000	U
120-12-7	Anthracene	1200000	U
86-74-8	Carbazole	1200000	U
84-74-2	Di-n-butylphthalate	1200000	U
206-44-0	Fluoranthene	1200000	U
129-00-0	Pyrene	1200000	U
85-68-7	Butylbenzylphthalate	1200000	U
91-94-1	3,3'-Dichlorobenzidine	1200000	U
56-55-3	Benzo(a)anthracene	1200000	U
218-01-9	Chrysene	1200000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200000	U
117-84-0	Di-n-octylphthalate	220000	J
205-99-2	Benzo(b)fluoranthene	1200000	U
207-08-9	Benzo(k)fluoranthene	1200000	U
50-32-8	Benzo(a)pyrene	1200000	U
193-39-5	Indeno(1,2,3-cd)pyrene	1200000	U
53-70-3	Dibenzo(a,h)anthracene	1200000	U
191-24-2	Benzo(g,h,i)perylene	1200000	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

E00W2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06

Sample wt/vol: 1.0 (g/mL) G Lab File ID: AC478

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 15 Decanted: (Y/N) N Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 88-69-7	PHENOL, 2-(1-METHYLETHYL)-	5.72	460000	NJ
2. 2934-05-6	PHENOL, 2,4-BIS(1-METHYLETHY	6.93	280000	NJ
3.	UNKNOWN PHTHALATE	11.11	370000	J
4.	UNKNOWN	11.43	240000	J
5.	UNKNOWN	12.23	2300000	J
6.	UNKNOWN	12.48	1600000	J
7.	UNKNOWN	12.85	1900000	J
8. 0-00-0	1,4-DIMETHYL-1,2,3,4-TETRAHY	13.07	1100000	NJ
9.	UNKNOWN PAH	13.18	490000	J
10.	UNKNOWN	13.80	910000	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.:. E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC842

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 17 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	360000	U
108-95-2	Phenol	360000	U
111-44-4	bis(-2-Chloroethyl)Ether	360000	U
95-57-8	2-Chlorophenol	360000	U
95-48-7	2-Methylphenol	360000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360000	U
98-86-2	Acetophenone	360000	U
106-44-5	4-Methylphenol	360000	U
621-64-7	N-Nitroso-di-n-propylamine	360000	U
67-72-1	Hexachloroethane	360000	U
98-95-3	Nitrobenzene	360000	U
78-59-1	Isophorone	360000	U
88-75-5	2-Nitrophenol	360000	U
105-67-9	2,4-Dimethylphenol	360000	U
111-91-1	bis(-2-Chloroethoxy)methane	360000	U
120-83-2	2,4-Dichlorophenol	360000	U
91-20-3	Naphthalene	360000	U
106-47-8	4-Chloroaniline	360000	U
87-68-3	Hexachlorobutadiene	360000	U
105-60-2	Caprolactam	360000	U
59-50-7	4-Chloro-3-Methylphenol	360000	U
91-57-6	2-Methylnaphthalene	360000	U
77-47-4	Hexachlorocyclopentadiene	360000	U
88-06-2	2,4,6-Trichlorophenol	360000	U
95-95-4	2,4,5-Trichlorophenol	900000	U
92-52-4	1,1'-Biphenyl	360000	U
91-58-7	2-Chloronaphthalene	360000	U
88-74-4	2-Nitroaniline	900000	U
131-11-3	Dimethylphthalate	360000	U
606-20-2	2,6-Dinitrotoluene	360000	U
208-96-8	Acenaphthylene	360000	U
99-09-2	3-Nitroaniline	900000	U
83-32-9	Acenaphthene	360000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC842

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 17 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	900000	U
100-02-7	4-Nitrophenol	900000	U
132-64-9	Dibenzofuran	360000	U
121-14-2	2,4-Dinitrotoluene	360000	U
84-66-2	Diethylphthalate	360000	U
86-73-7	Fluorene	360000	U
7005-72-3	4-Chlorophenyl-phenylether	360000	U
100-01-6	4-Nitroaniline	900000	U
534-52-1	4,6-Dinitro-2-methylphenol	900000	U
86-30-6	N-nitrosodiphenylamine (1)	360000	U
101-55-3	4-Bromophenyl-phenylether	360000	U
118-74-1	Hexachlorobenzene	360000	U
1912-24-9	Atrazine	360000	U
87-86-5	Pentachlorophenol	900000	U
85-01-8	Phenanthrene	360000	U
120-12-7	Anthracene	360000	U
86-74-8	Carbazole	360000	U
84-74-2	Di-n-butylphthalate	360000	U
206-44-0	Fluoranthene	360000	U
129-00-0	Pyrene	360000	U
85-68-7	Butylbenzylphthalate	360000	U
91-94-1	3,3'-Dichlorobenzidine	360000	U
56-55-3	Benzo(a)anthracene	360000	U
218-01-9	Chrysene	360000	U
117-81-7	bis(2-Ethylhexyl)phthalate	360000	U
117-84-0	Di-n-octylphthalate	110000	J
205-99-2	Benzo(b)fluoranthene	360000	U
207-08-9	Benzo(k)fluoranthene	360000	U
50-32-8	Benzo(a)pyrene	360000	U
193-39-5	Indeno(1,2,3-cd)pyrene	360000	U
53-70-3	Dibenzo(a,h)anthracene	360000	U
191-24-2	Benzo(g,h,i)perylene	360000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DC842

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 17 Decanted: (Y/N) N Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

Number TICs found: 11

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 98-54-4	PHENOL, P-TERT-BUTYL-	7.53	160000	NJ
2. 2934-05-6	PHENOL, 2,4-BIS(1-METHYLETHY	8.42	100000	NJ
3. 599-64-4	PHENOL, 4-(1-METHYL-1-PHENYL	11.25	140000	NJ
4.	UNKNOWN	13.14	200000	J
5.	UNKNOWN	13.43	280000	J
6.	UNKNOWN	14.58	530000	J
7.	UNKNOWN	14.91	170000	J
8.	UNKNOWN	15.22	1100000	J
9.	UNKNOWN	15.52	1900000	J
10.	UNKNOWN	16.25	460000	J
11.	UNKNOWN	17.14	300000	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC843

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370000	U
108-95-2	Phenol	370000	U
111-44-4	bis(-2-Chloroethyl)Ether	370000	U
95-57-8	2-Chlorophenol	370000	U
95-48-7	2-Methylphenol	370000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370000	U
98-86-2	Acetophenone	370000	U
106-44-5	4-Methylphenol	370000	U
621-64-7	N-Nitroso-di-n-propylamine	370000	U
67-72-1	Hexachloroethane	370000	U
98-95-3	Nitrobenzene	370000	U
78-59-1	Isophorone	370000	U
88-75-5	2-Nitrophenol	370000	U
105-67-9	2,4-Dimethylphenol	370000	U
111-91-1	bis(-2-Chloroethoxy)methane	370000	U
120-83-2	2,4-Dichlorophenol	370000	U
91-20-3	Naphthalene	370000	U
106-47-8	4-Chloroaniline	370000	U
87-68-3	Hexachlorobutadiene	370000	U
105-60-2	Caprolactam	370000	U
59-50-7	4-Chloro-3-Methylphenol	370000	U
91-57-6	2-Methylnaphthalene	370000	U
77-47-4	Hexachlorocyclopentadiene	370000	U
88-06-2	2,4,6-Trichlorophenol	370000	U
95-95-4	2,4,5-Trichlorophenol	930000	U
92-52-4	1,1'-Biphenyl	370000	U
91-58-7	2-Chloronaphthalene	370000	U
88-74-4	2-Nitroaniline	930000	U
131-11-3	Dimethylphthalate	370000	U
606-20-2	2,6-Dinitrotoluene	370000	U
208-96-8	Acenaphthylene	370000	U
99-09-2	3-Nitroaniline	930000	U
83-32-9	Acenaphthene	370000	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC843

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930000	U
100-02-7	4-Nitrophenol	930000	U
132-64-9	Dibenzofuran	370000	U
121-14-2	2,4-Dinitrotoluene	370000	U
84-66-2	Diethylphthalate	370000	U
86-73-7	Fluorene	370000	U
7005-72-3	4-Chlorophenyl-phenylether	370000	U
100-01-6	4-Nitroaniline	930000	U
534-52-1	4,6-Dinitro-2-methylphenol	930000	U
86-30-6	N-nitrosodiphenylamine (1)	370000	U
101-55-3	4-Bromophenyl-phenylether	370000	U
118-74-1	Hexachlorobenzene	370000	U
1912-24-9	Atrazine	370000	U
87-86-5	Pentachlorophenol	930000	U
85-01-8	Phenanthrene	370000	U
120-12-7	Anthracene	370000	U
86-74-8	Carbazole	370000	U
84-74-2	Di-n-butylphthalate	370000	U
206-44-0	Fluoranthene	370000	U
129-00-0	Pyrene	370000	U
85-68-7	Butylbenzylphthalate	370000	U
91-94-1	3,3'-Dichlorobenzidine	370000	U
56-55-3	Benzo(a)anthracene	370000	U
218-01-9	Chrysene	370000	U
117-81-7	bis(2-Ethylhexyl)phthalate	370000	U
117-84-0	Di-n-octylphthalate	240000	J
205-99-2	Benzo(b)fluoranthene	370000	U
207-08-9	Benzo(k)fluoranthene	370000	U
50-32-8	Benzo(a)pyrene	370000	U
193-39-5	Indeno(1,2,3-cd)pyrene	370000	U
53-70-3	Dibenzo(a,h)anthracene	370000	U
191-24-2	Benzo(g,h,i)perylene	370000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DC843

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 19 Decanted: (Y/N) N Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 30.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

Number TICs found: 19

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	12.63	95000	J
2.	UNKNOWN	13.43	200000	J
3.	UNKNOWN	13.53	270000	J
4.	UNKNOWN	15.21	200000	J
5.	UNKNOWN PHTHALATE	15.38	85000	J
6.	UNKNOWN	15.51	180000	J
7.	UNKNOWN PHTHALATE	15.74	110000	J
8.	UNKNOWN PHTHALATE	15.90	200000	J
9.	UNKNOWN PHTHALATE	16.13	190000	J
10. 0-C0-0	1,4-DIMETHYL-1,2,3,4-TETRAHY	16.24	120000	NJ
11. 89-16-7	1,2-BENZENEDICARBOXYLIC ACID	16.32	180000	NJ
12.	UNKNOWN	17.13	280000	J
13.	UNKNOWN PHTHALATE	17.39	270000	J
14.	UNKNOWN	17.91	82000	J
15.	UNKNOWN	17.97	50000	J
16.	UNKNOWN PHTHALATE	18.48	79000	J
17.	UNKNOWN	18.74	170000	J
18.	UNKNOWN	19.38	140000	J
19.	UNKNOWN	20.49	140000	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC844

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 24 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	260000	U
108-95-2	Phenol	260000	U
111-44-4	bis(-2-Chloroethyl)Ether	260000	U
95-57-8	2-Chlorophenol	260000	U
95-48-7	2-Methylphenol	260000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	260000	U
98-86-2	Acetophenone	260000	U
106-44-5	4-Methylphenol	260000	U
621-64-7	N-Nitroso-di-n-propylamine	260000	U
67-72-1	Hexachloroethane	260000	U
98-95-3	Nitrobenzene	260000	U
78-59-1	Isophorone	260000	U
88-75-5	2-Nitrophenol	260000	U
105-67-9	2,4-Dimethylphenol	260000	U
111-91-1	bis(-2-Chloroethoxy)methane	260000	U
120-83-2	2,4-Dichlorophenol	260000	U
91-20-3	Naphthalene	260000	U
106-47-8	4-Chloroaniline	260000	U
87-68-3	Hexachlorobutadiene	260000	U
105-60-2	Caprolactam	260000	U
59-50-7	4-Chloro-3-Methylphenol	260000	U
91-57-6	2-Methylnaphthalene	260000	U
77-47-4	Hexachlorocyclopentadiene	260000	U
88-06-2	2,4,6-Trichlorophenol	260000	U
95-95-4	2,4,5-Trichlorophenol	660000	U
92-52-4	1,1'-Biphenyl	260000	U
91-58-7	2-Chloronaphthalene	260000	U
88-74-4	2-Nitroaniline	660000	U
131-11-3	Dimethylphthalate	260000	U
606-20-2	2,6-Dinitrotoluene	260000	U
208-96-8	Acenaphthylene	260000	U
99-09-2	3-Nitroaniline	660000	U
83-32-9	Acenaphthene	260000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC844

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 24 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	660000	U
100-02-7	4-Nitrophenol	660000	U
132-64-9	Dibenzofuran	260000	U
121-14-2	2,4-Dinitrotoluene	260000	U
84-66-2	Diethylphthalate	260000	U
86-73-7	Fluorene	260000	U
7005-72-3	4-Chlorophenyl-phenylether	260000	U
100-01-6	4-Nitroaniline	660000	U
534-52-1	4,6-Dinitro-2-methylphenol	660000	U
86-30-6	N-nitrosodiphenylamine (1)	260000	U
101-55-3	4-Bromophenyl-phenylether	260000	U
118-74-1	Hexachlorobenzene	260000	U
1912-24-9	Atrazine	260000	U
87-86-5	Pentachlorophenol	660000	U
85-01-8	Phenanthrene	260000	U
120-12-7	Anthracene	260000	U
86-74-8	Carbazole	260000	U
84-74-2	Di-n-butylphthalate	260000	U
206-44-0	Fluoranthene	260000	U
129-00-0	Pyrene	260000	U
85-68-7	Butylbenzylphthalate	260000	U
91-94-1	3,3'-Dichlorobenzidine	260000	U
56-55-3	Benzo(a)anthracene	260000	U
218-01-9	Chrysene	260000	U
117-81-7	bis(2-Ethylhexyl)phthalate	260000	U
117-84-0	Di-n-octylphthalate	100000	J
205-99-2	Benzo(b)fluoranthene	260000	U
207-08-9	Benzo(k)fluoranthene	260000	U
50-32-8	Benzo(a)pyrene	260000	U
193-39-5	Indeno(1,2,3-cd)pyrene	260000	U
53-70-3	Dibenzo(a,h)anthracene	260000	U
191-24-2	Benzo(g,h,i)perylene	260000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DC844

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 24 Decanted: (Y/N) N Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

Number TICs found: 18

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.64	77000	JB
2. 128-39-2	PHENOL, 2,6-BIS(1,1-DIMETHYL	8.79	180000	NJ
3.	UNKNOWN	10.49	65000	J
4.	UNKNOWN	11.66	74000	J
5.	UNKNOWN	12.00	47000	J
6. 26158-81-6	OCTADECANOIC ACID, 2-[(1-OXO	12.13	46000	NJ
7.	UNKNOWN AROMATIC COMPOUND	12.94	2100000	J
8.	UNKNOWN	14.57	380000	J
9.	UNKNOWN	15.01	83000	J
10.	UNKNOWN	15.16	54000	J
11.	UNKNOWN	15.31	54000	J
12.	UNKNOWN	15.41	140000	J
13.	UNKNOWN PHTHALATE	15.84	130000	J
14.	UNKNOWN	16.29	150000	J
15.	UNKNOWN	17.07	110000	J
16. 36728-72-0	28-NOR-17.BETA.(H)-HOPANE	17.85	130000	NJ
17.	UNKNOWN	18.68	230000	J
18.	UNKNOWN	19.33	230000	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10

Sample wt/vol: 30.0(g/mL) G Lab File ID: DC840

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	86000	U
108-95-2	Phenol	86000	U
111-44-4	bis(-2-Chloroethyl)Ether	86000	U
95-57-8	2-Chlorophenol	86000	U
95-48-7	2-Methylphenol	86000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	86000	U
98-86-2	Acetophenone	86000	U
106-44-5	4-Methylphenol	86000	U
621-64-7	N-Nitroso-di-n-propylamine	86000	U
67-72-1	Hexachloroethane	86000	U
98-95-3	Nitrobenzene	86000	U
78-59-1	Isophorone	86000	U
88-75-5	2-Nitrophenol	86000	U
105-67-9	2,4-Dimethylphenol	86000	U
111-91-1	bis(-2-Chloroethoxy)methane	86000	U
120-83-2	2,4-Dichlorophenol	86000	U
91-20-3	Naphthalene	86000	U
106-47-8	4-Chloroaniline	86000	U
87-68-3	Hexachlorobutadiene	86000	U
105-60-2	Caprolactam	86000	U
59-50-7	4-Chloro-3-Methylphenol	86000	U
91-57-6	2-Methylnaphthalene	86000	U
77-47-4	Hexachlorocyclopentadiene	86000	U
88-06-2	2,4,6-Trichlorophenol	86000	U
95-95-4	2,4,5-Trichlorophenol	210000	U
92-52-4	1,1'-Biphenyl	86000	U
91-58-7	2-Chloronaphthalene	86000	U
88-74-4	2-Nitroaniline	210000	U
131-11-3	Dimethylphthalate	86000	U
606-20-2	2,6-Dinitrotoluene	86000	U
208-96-8	Acenaphthylene	86000	U
99-09-2	3-Nitroaniline	210000	U
83-32-9	Acenaphthene	86000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10

Sample wt/vol: 30.0(g/mL) G Lab File ID: DC840

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	210000	U
100-02-7	4-Nitrophenol	210000	U
132-64-9	Dibenzofuran	86000	U
121-14-2	2,4-Dinitrotoluene	86000	U
84-66-2	Diethylphthalate	86000	U
86-73-7	Fluorene	86000	U
7005-72-3	4-Chlorophenyl-phenylether	86000	U
100-01-6	4-Nitroaniline	210000	U
534-52-1	4,6-Dinitro-2-methylphenol	210000	U
86-30-6	N-nitrosodiphenylamine (1)	86000	U
101-55-3	4-Bromophenyl-phenylether	86000	U
118-74-1	Hexachlorobenzene	86000	U
1912-24-9	Atrazine	86000	U
87-86-5	Pentachlorophenol	210000	U
85-01-8	Phenanthrene	86000	U
120-12-7	Anthracene	86000	U
86-74-8	Carbazole	86000	U
84-74-2	Di-n-butylphthalate	86000	U
206-44-0	Fluoranthene	86000	U
129-00-0	Pyrene	86000	U
85-68-7	Butylbenzylphthalate	86000	U
91-94-1	3,3'-Dichlorobenzidine	86000	U
56-55-3	Benzo(a)anthracene	86000	U
218-01-9	Chrysene	86000	U
117-81-7	bis(2-Ethylhexyl)phthalate	86000	U
117-84-0	Di-n-octylphthalate	86000	U
205-99-2	Benzo(b)fluoranthene	86000	U
207-08-9	Benzo(k)fluoranthene	86000	U
50-32-8	Benzo(a)pyrene	86000	U
193-39-5	Indeno(1,2,3-cd)pyrene	86000	U
53-70-3	Dibenzo(a,h)anthracene	86000	U
191-24-2	Benzo(g,h,i)perylene	86000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: DC840

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 23 Decanted: (Y/N) N Date Extracted:05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 200.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 0-00-0	5,5-DIBUTYLNONANE	10.83	25000	NJ
2.	UNKNOWN	13.04	24000	J
3.	UNKNOWN	13.33	22000	J
4.	UNKNOWN	14.44	26000	J
5.	UNKNOWN	15.06	31000	J
6.	UNKNOWN	15.26	46000	J
7.	UNKNOWN	16.17	52000	J
8.	UNKNOWN	17.18	18000	J
9. 28371-31-5	ACETAMIDE, N-[2-(ACETYLOXY)-	17.48	170000	NJ
10.	UNKNOWN	18.79	43000	J
11.	UNKNOWN	19.43	78000	J
12.	UNKNOWN	22.78	110000	J
13.	UNKNOWN	23.77	22000	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC845

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 49 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 20.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390000	U
108-95-2	Phenol	390000	U
111-44-4	bis(-2-Chloroethyl)Ether	390000	U
95-57-8	2-Chlorophenol	390000	U
95-48-7	2-Methylphenol	390000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390000	U
98-86-2	Acetophenone	390000	U
106-44-5	4-Methylphenol	390000	U
621-64-7	N-Nitroso-di-n-propylamine	390000	U
67-72-1	Hexachloroethane	390000	U
98-95-3	Nitrobenzene	390000	U
78-59-1	Isophorone	390000	U
88-75-5	2-Nitrophenol	390000	U
105-67-9	2,4-Dimethylphenol	390000	U
111-91-1	bis(-2-Chloroethoxy)methane	390000	U
120-83-2	2,4-Dichlorophenol	390000	U
91-20-3	Naphthalene	390000	U
106-47-8	4-Chloroaniline	390000	U
87-68-3	Hexachlorobutadiene	390000	U
105-60-2	Caprolactam	390000	U
59-50-7	4-Chloro-3-Methylphenol	390000	U
91-57-6	2-Methylnaphthalene	390000	U
77-47-4	Hexachlorocyclopentadiene	390000	U
88-06-2	2,4,6-Trichlorophenol	390000	U
95-95-4	2,4,5-Trichlorophenol	980000	U
92-52-4	1,1'-Biphenyl	390000	U
91-58-7	2-Chloronaphthalene	390000	U
88-74-4	2-Nitroaniline	980000	U
131-11-3	Dimethylphthalate	390000	U
606-20-2	2,6-Dinitrotoluene	390000	U
208-96-8	Acenaphthylene	390000	U
99-09-2	3-Nitroaniline	980000	U
83-32-9	Acenaphthene	390000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC845

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 49 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 20.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	980000	U
100-02-7	4-Nitrophenol	980000	U
132-64-9	Dibenzofuran	390000	U
121-14-2	2,4-Dinitrotoluene	390000	U
84-66-2	Diethylphthalate	390000	U
86-73-7	Fluorene	390000	U
7005-72-3	4-Chlorophenyl-phenylether	390000	U
100-01-6	4-Nitroaniline	980000	U
534-52-1	4,6-Dinitro-2-methylphenol	980000	U
86-30-6	N-nitrosodiphenylamine (1)	390000	U
101-55-3	4-Bromophenyl-phenylether	390000	U
118-74-1	Hexachlorobenzene	390000	U
1912-24-9	Atrazine	390000	U
87-86-5	Pentachlorophenol	980000	U
85-01-8	Phenanthrene	390000	U
120-12-7	Anthracene	390000	U
86-74-8	Carbazole	390000	U
84-74-2	Di-n-butylphthalate	390000	U
206-44-0	Fluoranthene	390000	U
129-00-0	Pyrene	390000	U
85-68-7	Butylbenzylphthalate	390000	U
91-94-1	3,3'-Dichlorobenzidine	390000	U
56-55-3	Benzo(a)anthracene	390000	U
218-01-9	Chrysene	390000	U
117-81-7	bis(2-Ethylhexyl)phthalate	390000	U
117-84-0	Di-n-octylphthalate	390000	U
205-99-2	Benzo(b)fluoranthene	390000	U
207-08-9	Benzo(k)fluoranthene	390000	U
50-32-8	Benzo(a)pyrene	390000	U
193-39-5	Indeno(1,2,3-cd)pyrene	390000	U
53-70-3	Dibenzo(a,h)anthracene	390000	U
191-24-2	Benzo(g,h,i)perylene	390000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DC845

Level: (low/med) MED Date Received: 05/02/02

% Moisture: 49 Decanted: (Y/N) N Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 20.0

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

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.65	97000	JB
2.	UNKNOWN	12.98	340000	J
3.	UNKNOWN	13.38	300000	J
4. 0-00-0	5,5-DIBUTYLNONANE	14.18	430000	NJ
5.	UNKNOWN	14.68	120000	J
6.	UNKNOWN	18.72	310000	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12

Sample wt/vol: 30.3(g/mL) G Lab File ID: DC841

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 34 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 200.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	99000	U
108-95-2	Phenol	99000	U
111-44-4	bis(-2-Chloroethyl)Ether	99000	U
95-57-8	2-Chlorophenol	99000	U
95-48-7	2-Methylphenol	99000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	99000	U
98-86-2	Acetophenone	99000	U
106-44-5	4-Methylphenol	99000	U
621-64-7	N-Nitroso-di-n-propylamine	99000	U
67-72-1	Hexachloroethane	99000	U
98-95-3	Nitrobenzene	99000	U
78-59-1	Isophorone	99000	U
88-75-5	2-Nitrophenol	99000	U
105-67-9	2,4-Dimethylphenol	99000	U
111-91-1	bis(-2-Chloroethoxy)methane	99000	U
120-83-2	2,4-Dichlorophenol	99000	U
91-20-3	Naphthalene	99000	U
106-47-8	4-Chloroaniline	99000	U
87-68-3	Hexachlorobutadiene	99000	U
105-60-2	Caprolactam	99000	U
59-50-7	4-Chloro-3-Methylphenol	99000	U
91-57-6	2-Methylnaphthalene	99000	U
77-47-4	Hexachlorocyclopentadiene	99000	U
88-06-2	2,4,6-Trichlorophenol	99000	U
95-95-4	2,4,5-Trichlorophenol	250000	U
92-52-4	1,1'-Biphenyl	99000	U
91-58-7	2-Chloronaphthalene	99000	U
88-74-4	2-Nitroaniline	250000	U
131-11-3	Dimethylphthalate	99000	U
606-20-2	2,6-Dinitrotoluene	99000	U
208-96-8	Acenaphthylene	99000	U
99-09-2	3-Nitroaniline	250000	U
83-32-9	Acenaphthene	99000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12

Sample wt/vol: 30.3(g/mL) G Lab File ID: DC841

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 34 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 200.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	250000	U
100-02-7	4-Nitrophenol	250000	U
132-64-9	Dibenzofuran	99000	U
121-14-2	2,4-Dinitrotoluene	99000	U
84-66-2	Diethylphthalate	99000	U
86-73-7	Fluorene	99000	U
7005-72-3	4-Chlorophenyl-phenylether	99000	U
100-01-6	4-Nitroaniline	250000	U
534-52-1	4,6-Dinitro-2-methylphenol	250000	U
86-30-6	N-nitrosodiphenylamine (1)	99000	U
101-55-3	4-Bromophenyl-phenylether	99000	U
118-74-1	Hexachlorobenzene	99000	U
1912-24-9	Atrazine	99000	U
87-86-5	Pentachlorophenol	250000	U
85-01-8	Phenanthrene	99000	U
120-12-7	Anthracene	99000	U
86-74-8	Carbazole	99000	U
84-74-2	Di-n-butylphthalate	99000	U
206-44-0	Fluoranthene	99000	U
129-00-0	Pyrene	99000	U
85-68-7	Butylbenzylphthalate	99000	U
91-94-1	3,3'-Dichlorobenzidine	99000	U
56-55-3	Benzo(a)anthracene	99000	U
218-01-9	Chrysene	99000	U
117-81-7	bis(2-Ethylhexyl)phthalate	99000	U
117-84-0	Di-n-octylphthalate	99000	U
205-99-2	Benzo(b)fluoranthene	99000	U
207-08-9	Benzo(k)fluoranthene	99000	U
50-32-8	Benzo(a)pyrene	99000	U
193-39-5	Indeno(1,2,3-cd)pyrene	99000	U
53-70-3	Dibenzo(a,h)anthracene	99000	U
191-24-2	Benzo(g,h,i)perylene	99000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00W8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12

Sample wt/vol: 30.3 (g/mL) G Lab File ID: DC841

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: 34 Decanted: (Y/N) N Date Extracted:05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 200.0

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

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	12.62	32000	J
2.	UNKNOWN	13.01	43000	J
3.	UNKNOWN	13.40	26000	J
4.	UNKNOWN	15.22	25000	J
5.	UNKNOWN	16.33	40000	J
6. 53584-60-4	28-NOR-17.ALPHA.(H)-HOPANE	17.90	42000	NJ
7.	UNKNOWN	18.75	60000	J
8.	UNKNOWN	19.83	22000	J
9.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-13

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC759

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-13

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC759

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	2	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-13

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC759

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 13429-07-7	2-PROPANOL, 1-(2-METHOXYPROP	5.31	2	NJB
2.				
3.				
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC760

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	7	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	15	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC760

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	1	J
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	4	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

E00X1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC760

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.77	3	J
2. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	5.48	5	NJ
3. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	6.18	4	NJ
4.	UNKNOWN AROMATIC COMPOUND	6.48	7	J
5. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	6.61	3	NJ
6. 88-69-7	PHENOL, 2-(1-METHYLETHYL)-	6.68	7	NJ
7. 618-45-1	PHENOL, 3-(1-METHYLETHYL)-	6.94	3	NJ
8.	UNKNOWN	7.21	5	J
9. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	7.36	2	NJ
10. 585-34-2	PHENOL, M-TERT-BUTYL-	7.55	8	NJ
11. 91-57-6	NAPHTHALENE, 2-METHYL-	7.99	13	NJ
12. 74367-33-2	PROPANOIC ACID, 2-METHYL-, 2	8.19	5	NJ
13.	UNKNOWN	8.45	4	J
14.	UNKNOWN	8.56	4	J
15. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	8.70	15	NJ
16. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	8.82	16	NJ
17. 573-98-8	NAPHTHALENE, 1,2-DIMETHYL-	8.98	5	NJ
18. 573-98-8	NAPHTHALENE, 1,2-DIMETHYL-	9.10	2	NJ
19.	UNKNOWN	9.55	4	J
20.	UNKNOWN ALKYL PHENOL	10.51	23	J
21. 599-64-4	PHENOL, 4-(1-METHYL-1-PHENYL	11.29	56	NJ
22.				
23.				
24.				
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC761

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	52	
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	47	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	26	
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
91-20-3	Naphthalene	7	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	53	
91-57-6	2-Methylnaphthalene	15	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	2	J
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	33	

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC761

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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	56	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	41	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	1	J
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	69	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	30	
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	B
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC762

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	49	
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	46	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	29	
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
91-20-3	Naphthalene	8	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	53	
91-57-6	2-Methylnaphthalene	16	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	2	J
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	33	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MSD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC762

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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	59	
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	41	
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	1	J
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	69	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	32	
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	13	B
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-15

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC763

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	29	
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	14	
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	76	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	5	J
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	3	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-15

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC763

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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	4	J
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	5	J
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	4	J
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	4	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-15

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC763

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 28

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.78	4	J
2. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	5.19	8	NJ
3. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	5.49	22	NJ
4. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	5.69	6	NJ
5. 135-98-8	BENZENE, (1-METHYLPROPYL)-	5.78	4	NJ
6. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	5.85	12	NJ
7. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	6.08	7	NJ
8. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	6.19	6	NJ
9. 824-22-6	1H-INDENE, 2,3-DIHYDRO-4-MET	6.39	4	NJ
10.	UNKNOWN AROMATIC COMPOUND	6.49	9	J
11. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	6.63	4	NJ
12. 88-69-7	PHENOL, 2-(1-METHYLETHYL)-	6.69	3	NJ
13.	UNKNOWN	7.22	4	J
14. 2809-64-5	NAPHTHALENE, 1,2,3,4-TETRAHY	7.54	7	NJ
15. 90-12-0	NAPHTHALENE, 1-METHYL-	8.00	24	NJ
16.	UNKNOWN FATTY ACID	8.19	4	J
17. 939-27-5	NAPHTHALENE, 2-ETHYL-	8.62	8	NJ
18. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	8.70	21	NJ
19. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	8.83	40	NJ
20. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	8.99	13	NJ
21. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	9.11	7	NJ
22. 643-93-6	1,1'-BIPHENYL, 3-METHYL-	9.24	3	NJ
23. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	9.70	4	NJ
24. 2131-41-1	NAPHTHALENE, 1,4,5-TRIMETHYL	9.81	3	NJ
25.	UNKNOWN PAH	10.08	6	J
26.	UNKNOWN	10.42	3	J
27.	UNKNOWN ALKYL PHENOL	10.51	4	J
28. 599-64-4	PHENOL, 4-(1-METHYL-1-PHENYL	11.29	0.0	N
29.				
30.				

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC764

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	1	J
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
91-20-3	Naphthalene	37	
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	25	
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	91	E
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	6	J
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	4	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC764

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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	4	J
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	6	J
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	5	J
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	6	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E00X4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC764

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.77	4	J
2.	UNKNOWN	5.00	2	J
3. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	5.18	9	NJ
4. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	5.48	24	NJ
5. 135-98-8	BENZENE, (1-METHYLPROPYL)-	5.77	6	NJ
6. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	5.84	9	NJ
7. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	6.07	7	NJ
8. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	6.18	6	NJ
9. 27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	6.38	3	NJ
10.	UNKNOWN AROMATIC COMPOUND	6.48	10	J
11. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	6.61	4	NJ
12. 88-69-7	PHENOL, 2-(1-METHYLETHYL)-	6.68	3	NJ
13.	UNKNOWN AROMATIC COMPOUND	7.21	5	J
14. 2809-64-5	NAPHTHALENE, 1,2,3,4-TETRAHY	7.53	7	NJ
15. 90-12-0	NAPHTHALENE, 1-METHYL-	7.99	23	NJ
16.	UNKNOWN FATTY ACID	8.19	4	J
17. 939-27-5	NAPHTHALENE, 2-ETHYL-	8.61	10	NJ
18. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	8.70	32	NJ
19. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	8.82	51	NJ
20. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	8.98	16	NJ
21. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	9.10	8	NJ
22. 644-08-6	1,1'-BIPHENYL, 4-METHYL-	9.23	3	NJ
23. 2027-17-0	NAPHTHALENE, 2-(1-METHYLETHY	9.40	2	NJ
24. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	9.69	7	NJ
25. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	9.81	5	NJ
26.	UNKNOWN AROMATIC COMPOUND	10.08	7	J
27.	UNKNOWN	10.42	3	J
28.	UNKNOWN ALKYL PHENOL	10.50	5	J
29.	UNKNOWN PAH	10.68	8	J
30. 599-64-4	PHENOL, 4-(1-METHYL-1-PHENYL	11.29	42	NJ

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X4DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16DL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC782

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/18/02

Injection Volume: 2.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	20	U
108-95-2	Phenol	20	U
111-44-4	bis(-2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
95-48-7	2-Methylphenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U
98-86-2	Acetophenone	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-di-n-propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
111-91-1	bis(-2-Chloroethoxy)methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
91-20-3	Naphthalene	34	D
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
105-60-2	Caprolactam	21	D
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	91	D
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	50	U
92-52-4	1,1'-Biphenyl	6	DJ
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	20	U
606-20-2	2,6-Dinitrotoluene	20	U
208-96-8	Acenaphthylene	20	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	3	DJ

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X4DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16DL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC782

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/18/02

Injection Volume: 2.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	4	DJ
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
86-73-7	Fluorene	5	DJ
7005-72-3	4-Chlorophenyl-phenylether	20	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
1912-24-9	Atrazine	20	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	5	DJ
120-12-7	Anthracene	20	U
86-74-8	Carbazole	20	U
84-74-2	Di-n-butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)phthalate	5	DJB
117-84-0	Di-n-octylphthalate	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
50-32-8	Benzo(a)pyrene	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
53-70-3	Dibenzo(a,h)anthracene	20	U
191-24-2	Benzo(g,h,i)perylene	20	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

E00X4DL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16DL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC782

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/18/02

Injection Volume: 2.0(uL) Dilution Factor: 2.0

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

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	5.18	8	NJD
2. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	5.49	24	NJD
3.	UNKNOWN AROMATIC COMPOUND	5.64	4	JD
4. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	5.68	10	NJD
5. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	5.84	12	NJD
6. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	5.90	7	NJD
7. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	6.09	7	NJD
8. 488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	6.19	25	NJD
9. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	6.39	24	NJD
10.	UNKNOWN AROMATIC COMPOUND	6.49	90	JD
11.	UNKNOWN	6.56	12	JD
12. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	6.63	41	NJD
13. 88-89-7	PHENOL, 2-(1-METHYLETHYL)-	6.69	28	NJD
14.	UNKNOWN ALKYL PHENOL	6.95	11	JD
15.	UNKNOWN AROMATIC COMPOUND	7.22	33	JD
16. 2809-64-5	NAPHTHALENE, 1,2,3,4-TETRAHY	7.54	59	NJD
17. 1559-81-5	NAPHTHALENE, 1,2,3,4-TETRAHY	7.69	10	NJD
18. 90-12-0	NAPHTHALENE, 1-METHYL-	8.00	240	NJD
19.	UNKNOWN AROMATIC COMPOUND	8.20	4	JD
20. 1127-76-0	NAPHTHALENE, 1-ETHYL-	8.63	5	NJD
21. 571-61-9	NAPHTHALENE, 1,5-DIMETHYL-	8.72	29	NJD
22. 569-41-5	NAPHTHALENE, 1,8-DIMETHYL-	8.83	59	NJD
23. 573-98-8	NAPHTHALENE, 1,2-DIMETHYL-	8.99	18	NJD
24. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	9.12	10	NJD
25. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	9.71	7	NJD
26. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	9.82	4	NJD
27.	UNKNOWN PAH	10.09	6	JD
28.	UNKNOWN ALKYL PHENOL	10.51	4	JD
29. 599-64-4	PHENOL, 4-(1-METHYL-1-PHENYL	11.30	12	NJD
30.	UNKNOWN	13.09	7	JD

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-17

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC765

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-17

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC765

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	32	B
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-17

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC765

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/17/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 13429-07-7	2-PROPANOL, 1-(2-METHOXYPROP	5.30	3	NJB
2.	UNKNOWN FATTY ACID	8.18	2	J
3.	UNKNOWN	13.01	20	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF262

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	2	J
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
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF262

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	5	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-18

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF262

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 12

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 124-07-2	OCTANOIC ACID	5.67	5	NJ
2.	UNKNOWN ORGANIC ACID	6.52	14	J
3.	UNKNOWN ORGANIC ACID	7.49	3	J
4. 120-40-1	DODECANAMIDE, N,N-BIS(2-HYDR	9.00	20	NJ
5.	UNKNOWN	10.06	4	J
6.	UNKNOWN	11.56	6	J
7.	UNKNOWN	12.23	26	J
8. 5717-37-3	(CARBETHOXYETHYLIDINE)TRIPHE	13.19	3	NJ
9.	UNKNOWN	13.67	2	J
10.	UNKNOWN	17.73	11	J
11.	UNKNOWN	20.07	3	J
12.	UNKNOWN	20.21	2	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF263

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF263

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	6	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

E00X7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF263

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	18.36	6	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00Y8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-20

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF264

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00Y8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-20

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF264

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	JB
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

E00Y8

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-20

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF264

Level: (low/med) LOW Date Received: 05/02/02

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 614-68-6	BENZENE, 1-ISOCYANATO-2-METH	5.19	7	NJ
2. 95-53-4	BENZENAMINE, 2-METHYL-	5.25	4	NJ
3.	UNKNOWN	5.83	5	J
4.	UNKNOWN	9.12	85	J
5.	UNKNOWN	10.76	16	J
6.	UNKNOWN	11.62	20	J
7.	UNKNOWN	12.38	2	J
8.	UNKNOWN	13.45	7	J
9.	UNKNOWN	14.36	3	J
10.	UNKNOWN	17.67	4	J
11.	UNKNOWN	18.57	3	J
12.	UNKNOWN	19.11	3	J
13.	UNKNOWN	20.05	7	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: MS0515-B5A

Sample wt/vol: 1.0(g/mL) G Lab File ID: AC468

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	10000	U
108-95-2	Phenol	10000	U
111-44-4	bis(-2-Chloroethyl)Ether	10000	U
95-57-8	2-Chlorophenol	10000	U
95-48-7	2-Methylphenol	10000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10000	U
98-86-2	Acetophenone	10000	U
106-44-5	4-Methylphenol	10000	U
621-64-7	N-Nitroso-di-n-propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
111-91-1	bis(-2-Chloroethoxy)methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
105-60-2	Caprolactam	10000	U
59-50-7	4-Chloro-3-Methylphenol	10000	U
91-57-6	2-Methylnaphthalene	10000	U
77-47-4	Hexachlorocyclopentadiene	10000	U
88-06-2	2,4,6-Trichlorophenol	10000	U
95-95-4	2,4,5-Trichlorophenol	25000	U
92-52-4	1,1'-Biphenyl	10000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	25000	U
131-11-3	Dimethylphthalate	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U
208-96-8	Acenaphthylene	10000	U
99-09-2	3-Nitroaniline	25000	U
83-32-9	Acenaphthene	10000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: MS0515-B5A

Sample wt/vol: 1.0(g/mL) G Lab File ID: AC468

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	25000	U
100-02-7	4-Nitrophenol	25000	U
132-64-9	Dibenzofuran	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
86-73-7	Fluorene	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
100-01-6	4-Nitroaniline	25000	U
534-52-1	4,6-Dinitro-2-methylphenol	25000	U
86-30-6	N-nitrosodiphenylamine (1)	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
1912-24-9	Atrazine	10000	U
87-86-5	Pentachlorophenol	25000	U
85-01-8	Phenanthrene	10000	U
120-12-7	Anthracene	10000	U
86-74-8	Carbazole	10000	U
84-74-2	Di-n-butylphthalate	10000	U
206-44-0	Fluoranthene	10000	U
129-00-0	Pyrene	10000	U
85-68-7	Butylbenzylphthalate	10000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
56-55-3	Benzo(a)anthracene	10000	U
218-01-9	Chrysene	10000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1700	J
117-84-0	Di-n-octylphthalate	10000	U
205-99-2	Benzo(b)fluoranthene	10000	U
207-08-9	Benzo(k)fluoranthene	10000	U
50-32-8	Benzo(a)pyrene	10000	U
193-39-5	Indeno(1,2,3-cd)pyrene	10000	U
53-70-3	Dibenzo(a,h)anthracene	10000	U
191-24-2	Benzo(g,h,i)perylene	10000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKAA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: MS0515-B5A

Sample wt/vol: 1.0 (g/mL) G Lab File ID: AC468

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.23	24000	J
2.	UNKNOWN	4.62	3200	J
3. 13429-07-7	2-PROPANOL, 1-(2-METHOXYPROP	4.74	2400	NJ
4.	UNKNOWN AMIDE	12.24	3200	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: S0504-BB5D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC740

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

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: S0504-BB5D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC740

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	34	
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKDA

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: S0504-BB5D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DC740

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/04/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 13429-07-7	2-PROPANOL, 1-(2-METHOXYPROP	5.29	2	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: S0512-B3D

Sample wt/vol: 30.0(g/mL) G Lab File ID: DC826

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: S0512-B3D

Sample wt/vol: 30.0(g/mL) G Lab File ID: DC826

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKDN

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: S0512-B3D

Sample wt/vol: 30.0 (g/mL) G Lab File ID: DC826

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/12/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.70	2300	J
2.	UNKNOWN	5.18	320	J
3.	UNKNOWN	5.30	140	J
4.	UNKNOWN	17.73	72	J
5.	UNKNOWN	21.96	130	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: MS0515-B5D

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC834

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	10000	U
108-95-2	Phenol	10000	U
111-44-4	bis(-2-Chloroethyl)Ether	10000	U
95-57-8	2-Chlorophenol	10000	U
95-48-7	2-Methylphenol	10000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10000	U
98-86-2	Acetophenone	10000	U
106-44-5	4-Methylphenol	10000	U
621-64-7	N-Nitroso-di-n-propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
111-91-1	bis(-2-Chloroethoxy)methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
105-60-2	Caprolactam	10000	U
59-50-7	4-Chloro-3-Methylphenol	10000	U
91-57-6	2-Methylnaphthalene	10000	U
77-47-4	Hexachlorocyclopentadiene	10000	U
88-06-2	2,4,6-Trichlorophenol	10000	U
95-95-4	2,4,5-Trichlorophenol	25000	U
92-52-4	1,1'-Biphenyl	10000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	25000	U
131-11-3	Dimethylphthalate	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U
208-96-8	Acenaphthylene	10000	U
99-09-2	3-Nitroaniline	25000	U
83-32-9	Acenaphthene	10000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKDO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: MS0515-B5D

Sample wt/vol: 1.0(g/mL) G Lab File ID: DC834

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

% Moisture: 0 Decanted: (Y/N)N Date Extracted: 05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	25000	U
100-02-7	4-Nitrophenol	25000	U
132-64-9	Dibenzofuran	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
86-73-7	Fluorene	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
100-01-6	4-Nitroaniline	25000	U
534-52-1	4,6-Dinitro-2-methylphenol	25000	U
86-30-6	N-nitrosodiphenylamine (1)	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
1912-24-9	Atrazine	10000	U
87-86-5	Pentachlorophenol	25000	U
85-01-8	Phenanthrene	10000	U
120-12-7	Anthracene	10000	U
86-74-8	Carbazole	10000	U
84-74-2	Di-n-butylphthalate	10000	U
206-44-0	Fluoranthene	10000	U
129-00-0	Pyrene	10000	U
85-68-7	Butylbenzylphthalate	10000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
56-55-3	Benzo(a)anthracene	10000	U
218-01-9	Chrysene	10000	U
117-81-7	bis(2-Ethylhexyl)phthalate	2200	J
117-84-0	Di-n-octylphthalate	10000	U
205-99-2	Benzo(b)fluoranthene	10000	U
207-08-9	Benzo(k)fluoranthene	10000	U
50-32-8	Benzo(a)pyrene	10000	U
193-39-5	Indeno(1,2,3-cd)pyrene	10000	U
53-70-3	Dibenzo(a,h)anthracene	10000	U
191-24-2	Benzo(g,h,i)perylene	10000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKDO

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: MS0515-B5D

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DC834

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/15/02

Concentrated Extract Volume: 500(uL) Date Analyzed: 05/21/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.65	35000	J
2.	UNKNOWN	5.12	5400	J
3. 13429-07-7	2-PROPANOL, 1-(2-METHOXYPROP	5.26	3200	NJ
4.	UNKNOWN AMIDE	14.91	11000	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKIW

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: S0505-B1I

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF261

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	1	J
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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKIW

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: S0505-B1I

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF261

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	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
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	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	38	
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SBLKIW

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: S0505-B1I

Sample wt/vol: 1000 (g/mL) ML Lab File ID: IF261

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

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:05/05/02

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/16/02

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 74685-29-3	9-EICOSENE, (E)-	11.03	3	NJ
2. 18435-45-5	1-NONADECENE	12.35	3	NJ
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2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

GC Column(1):DB5 ID:0.53(mm) GC Column(2):DB35 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	48	52	77	77			0
02	E00T3DL	129	66	54	107			0
03	E00T4MS	63	69	94	88			0
04	E00T4MSD	63	69	75	88			0
05	E00T6DL	51	62	61	225D			0
06	E00T7DL	127	57	18D	73			0
07	E00W0DL	80	80	93	80			0
08	E00W2	0D	43	37	100			0
09	E00W4	0D	32	75	131			0
10	E00W5	0D	37	48	83			0
11	E00W6DL	49	94	65	65			0
12	E00W7DL	0D	33	37	54			0
13	E00W8DL	105	140	145	145			0
14	E00T3	93	58	36	69			0
15	E00T4	60	63	61	75			0
16	E00T6	88	57	43	188*			1
17	E00T7	87	49	29*	93			1
18	E00W0	58	62	53	73			0
19	E00W2DL	0D	0D	0D	39			0
20	E00W3	0D	0D	46	69			0
21	E00W3DL	0D	0D	0D	0D			0
22	E00W4DL	0D	0D	0D	28D			0
23	E00W5DL	0D	0D	0D	83			0
24	E00W6	51	71	38	42			0
25	E00W7	0*	31	23*	27*			3
26	E00W8	125	105	80	75			0
27								
28								
29								
30								

		QC LIMITS
S1 (TCX)	= Tetrachloro-m-xylene	(30-150)
S2 (DCB)	= Decachlorobiphenyl	(30-150)

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

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

GC Column(1):DB5 ID:0.53(mm) GC Column(2):DB35 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	75	80	95	90			0
02	E00X0	65	65	55	50			0
03	E00X1	46	48	26*	23*			2
04	E00X1MS	55	60	28*	31			1
05	E00X1MSD	48	55	26*	23*			2
06	E00X3	60	65	41	36			0
07	E00X4	50	60	55	50			0
08	E00X5	65	70	30	50			0
09	E00X6	55	60	32	32			0
10	E00X7	75	75	65	60			0
11	E00Y8	47	50	55	50			0
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		QC LIMITS
S1 (TCX)	= Tetrachloro-m-xylene	(30-150)
S2 (DCB)	= Decachlorobiphenyl	(30-150)

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

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix Spike - EPA Sample No.: E00T4

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE AMOUNT (ng)	MS AMOUNT (ug/Kg)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	20	0.00	14	70	46-127
Heptachlor	20	2.5	15	63	35-130
Aldrin	20	0.00	19	95	34-132
Dieldrin	39	0.00	31	79	31-134
Endrin	39	0.00	32	82	42-139
4,4'-DDT	39	0.00	28	72	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD AMOUNT (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	20	14	70	0	50	46-127
Heptachlor	20	16	68	8	31	35-130
Aldrin	20	18	90	5	43	34-132
Dieldrin	39	32	82	4	38	31-134
Endrin	39	33	85	4	45	42-139
4,4'-DDT	39	28	72	0	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: _____

3E

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix Spike - EPA Sample No.: E00X1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE AMOUNT (ng)	MS AMOUNT (ug/L)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	0.50	0.00	0.35	70	56-123
Heptachlor	0.50	0.00	0.28	56	40-131
Aldrin	0.50	0.00	0.25	50	40-120
Dieldrin	1.0	0.00	0.67	67	52-126
Endrin	1.0	0.00	0.74	74	56-121
4,4'-DDT	1.0	0.00	0.45	45	38-127

COMPOUND	SPIKE ADDED (ug/L)	MSD AMOUNT (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	0.50	0.33	66	6	15	56-123
Heptachlor	0.50	0.25	50	11	20	40-131
Aldrin	0.50	0.21	42	17	22	40-120
Dieldrin	1.0	0.64	64	5	18	52-126
Endrin	1.0	0.72	72	3	21	56-121
4,4'-DDT	1.0	0.41	41	9	27	38-127

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-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab Sample ID: P0504-B6 Lab File ID: _____

Matrix (soil/water) WATER Extraction:(Type) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 05/04/02

Date Analyzed (1): 05/18/02 Date Analyzed (2): 05/18/02

Time Analyzed (1): 1508 Time Analyzed (2): 1508

Instrument ID (1): GC6 Instrument ID (2): GC6

GC Column (1): DB5 ID: 0.53(mm) GC Column (2): DB35 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	E00X0	020440-13	05/19/02	05/19/02
02	E00X1	020440-14	05/19/02	05/19/02
03	E00X1MS	020440-14MS	05/19/02	05/19/02
04	E00X1MSD	020440-14MSD	05/19/02	05/19/02
05	E00X3	020440-15	05/19/02	05/19/02
06	E00X4	020440-16	05/19/02	05/19/02
07	E00X5	020440-17	05/19/02	05/19/02
08	E00X6	020440-18	05/19/02	05/19/02
09	E00X7	020440-19	05/19/02	05/19/02
10	E00Y8	020440-20	05/19/02	05/19/02
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COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Lab Sample ID: P0508-B4 Lab File ID: _____

Matrix (soil/water) SOIL Extraction: (Type) SONC

Sulfur Cleanup (Y/N) N Date Extracted: 05/08/02

Date Analyzed (1): 05/18/02 Date Analyzed (2): 05/18/02

Time Analyzed (1): 1544 Time Analyzed (2): 1544

Instrument ID (1): GC6 Instrument ID (2): GC6

GC Column (1): DB5 ID: 0.53 (mm) GC Column (2): DB35 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	E00T3DL	020440-01DL	05/18/02	05/18/02
02	E00T4MS	020440-02MS	05/18/02	05/18/02
03	E00T4MSD	020440-02MSD	05/18/02	05/18/02
04	E00T6DL	020440-03DL	05/18/02	05/18/02
05	E00T7DL	020440-04DL	05/18/02	05/18/02
06	E00W0DL	020440-05DL	05/18/02	05/18/02
07	E00W2	020440-06	05/18/02	05/18/02
08	E00W4	020440-08	05/19/02	05/19/02
09	E00W5	020440-09	05/19/02	05/19/02
10	E00W6DL	020440-10DL	05/19/02	05/19/02
11	E00W7DL	020440-11DL	05/19/02	05/19/02
12	E00W8DL	020440-12DL	05/19/02	05/19/02
13	E00T3	020440-01	05/19/02	05/19/02
14	E00T4	020440-02	05/19/02	05/19/02
15	E00T6	020440-03	05/19/02	05/19/02
16	E00T7	020440-04	05/19/02	05/19/02
17	E00W0	020440-05	05/19/02	05/19/02
18	E00W2DL	020440-06DL	05/20/02	05/20/02
19	E00W3	020440-07	05/20/02	05/20/02
20	E00W3DL	020440-07DL	05/20/02	05/20/02
21	E00W4DL	020440-08DL	05/20/02	05/20/02
22	E00W5DL	020440-09DL	05/20/02	05/20/02
23	E00W6	020440-10	05/20/02	05/20/02
24	E00W7	020440-11	05/20/02	05/20/02
25	E00W8	020440-12	05/20/02	05/20/02
26				

COMMENTS: _____

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01

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

% Moisture: 8 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	6.7	P
959-98-8	Endosulfan I	26	P
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	4.6	P
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	53	P
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	25	P
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	5.8	P
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	4.3	P
8001-35-2	Toxaphene	180	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	480	
11096-82-5	Aroclor-1260	36	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T3DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-01DL

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

% Moisture: 8 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	44	DP
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	36	U
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	68	D
72-54-8	4,4'-DDD	36	U
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	36	U
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	36	U
7421-93-4	Endrin aldehyde	36	U
5103-71-9	alpha-Chlordane	18	U
5103-74-2	gamma-Chlordane	18	U
8001-35-2	Toxaphene	1800	U
12674-11-2	Aroclor-1016	360	U
11104-28-2	Aroclor-1221	730	U
11141-16-5	Aroclor-1232	360	U
53469-21-9	Aroclor-1242	360	U
12672-29-6	Aroclor-1248	360	U
11097-69-1	Aroclor-1254	800	D
11096-82-5	Aroclor-1260	360	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02

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

% Moisture: 16 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.5	
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	9.8	P
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	15	
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	7.6	P
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	160	
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MS

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

% Moisture: 16 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	3.3	P
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	14	
76-44-8	Heptachlor	15	P
309-00-2	Aldrin	19	
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.9	P
60-57-1	Dieldrin	31	
72-55-9	4,4'-DDE	5.0	P
72-20-8	Endrin	32	P
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	28	P
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	24	
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	5.9	P
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	150	
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T4MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-02MSD

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

% Moisture: 16 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	4.5	P
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	14	P
76-44-8	Heptachlor	16	
309-00-2	Aldrin	18	P
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	3.8	
60-57-1	Dieldrin	32	
72-55-9	4,4'-DDE	12	P
72-20-8	Endrin	33	P
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	28	P
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	9.9	P
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	7.1	P
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	130	
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03

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

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	18	P
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	21	P
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	41	EP
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	91	E
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	8.1	P
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	7.9	P
5103-74-2	gamma-Chlordane	59	EP
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	3100	E
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T6DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-03DL

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

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	32	DP
309-00-2	Aldrin	180	D
1024-57-3	Heptachlor epoxide	50	DP
959-98-8	Endosulfan I	49	DP
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	39	U
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	39	U
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	39	U
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	39	U
7421-93-4	Endrin aldehyde	39	U
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	91	DP
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	790	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	4500	D
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U
11096-82-5	Aroclor-1260	390	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-04

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

% Moisture: 11 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.7 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	15	P
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	34	EP
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	41	EP
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	56	
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	5.2	P
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	12	
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	37	EP
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	2200	E
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00T7DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-04DL

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

% Moisture: 11 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	47	DP
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	35	DP
309-00-2	Aldrin	140	D
1024-57-3	Heptachlor epoxide	41	DP
959-98-8	Endosulfan I	32	D
60-57-1	Dieldrin	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	37	U
33213-65-9	Endosulfan II	37	U
72-54-8	4,4'-DDD	37	U
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	37	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37	U
7421-93-4	Endrin aldehyde	37	U
5103-71-9	alpha-Chlordane	19	U
5103-74-2	gamma-Chlordane	53	DP
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	750	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	3000	D
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	370	U
11096-82-5	Aroclor-1260	370	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05

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

% Moisture: 12 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.1 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	2.7	P
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	10	P
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	20	P
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	7.0	P
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	17	P
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	660	E
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W0DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-05DL

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

% Moisture: 12 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	48	D
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	37	U
33213-65-9	Endosulfan II	37	U
72-54-8	4,4'-DDD	37	U
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	37	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37	U
7421-93-4	Endrin aldehyde	37	U
5103-71-9	alpha-Chlordane	19	U
5103-74-2	gamma-Chlordane	26	DP
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	750	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	1100	D
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	370	U
11096-82-5	Aroclor-1260	370	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W2

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06

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

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	53	P
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	330	EP
309-00-2	Aldrin	650	E
1024-57-3	Heptachlor epoxide	390	EP
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	140	
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	38	U
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	42	P
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	38	U
7421-93-4	Endrin aldehyde	38	U
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	260	P
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	780	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	20000	E
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W2DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-06DL

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

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor; 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	200	U
319-85-7	beta-BHC	200	U
319-86-8	delta-BHC	200	U
58-89-9	gamma-BHC (Lindane)	200	U
76-44-8	Heptachlor	530	DP
309-00-2	Aldrin	200	U
1024-57-3	Heptachlor epoxide	610	DP
959-98-8	Endosulfan I	200	U
60-57-1	Dieldrin	380	U
72-55-9	4,4'-DDE	380	U
72-20-8	Endrin	380	U
33213-65-9	Endosulfan II	420	DP
72-54-8	4,4'-DDD	380	U
1031-07-8	Endosulfan sulfate	380	U
50-29-3	4,4'-DDT	380	U
72-43-5	Methoxychlor	2000	U
53494-70-5	Endrin ketone	380	U
7421-93-4	Endrin aldehyde	380	U
5103-71-9	alpha-Chlordane	200	U
5103-74-2	gamma-Chlordane	420	DP
8001-35-2	Toxaphene	20000	U
12674-11-2	Aroclor-1016	3800	U
11104-28-2	Aroclor-1221	7800	U
11141-16-5	Aroclor-1232	3800	U
53469-21-9	Aroclor-1242	35000	D
12672-29-6	Aroclor-1248	3800	U
11097-69-1	Aroclor-1254	3800	U
11096-82-5	Aroclor-1260	3800	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07

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

% Moisture: 17 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor: 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	200	U
319-85-7	beta-BHC	200	U
319-86-8	delta-BHC	200	U
58-89-9	gamma-BHC (Lindane)	200	U
76-44-8	Heptachlor	3700	EP
309-00-2	Aldrin	200	U
1024-57-3	Heptachlor epoxide	2700	
959-98-8	Endosulfan I	200	U
60-57-1	Dieldrin	400	U
72-55-9	4,4'-DDE	400	U
72-20-8	Endrin	400	U
33213-65-9	Endosulfan II	2200	
72-54-8	4,4'-DDD	400	U
1031-07-8	Endosulfan sulfate	400	U
50-29-3	4,4'-DDT	400	U
72-43-5	Methoxychlor	2000	U
53494-70-5	Endrin ketone	400	U
7421-93-4	Endrin aldehyde	400	U
5103-71-9	alpha-Chlordane	200	U
5103-74-2	gamma-Chlordane	1500	P
8001-35-2	Toxaphene	20000	U
12674-11-2	Aroclor-1016	4000	U
11104-28-2	Aroclor-1221	8000	U
11141-16-5	Aroclor-1232	4000	U
53469-21-9	Aroclor-1242	180000	E
12672-29-6	Aroclor-1248	4000	U
11097-69-1	Aroclor-1254	4000	U
11096-82-5	Aroclor-1260	4000	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W3DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-07DL

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

% Moisture: 17 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor: 1000.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2000	U
319-85-7	beta-BHC	2000	U
319-86-8	delta-BHC	2000	U
58-89-9	gamma-BHC (Lindane)	2000	U
76-44-8	Heptachlor	6200	DP
309-00-2	Aldrin	2000	U
1024-57-3	Heptachlor epoxide	4200	D
959-98-8	Endosulfan I	2000	U
60-57-1	Dieldrin	4000	U
72-55-9	4,4'-DDE	4000	U
72-20-8	Endrin	4000	U
33213-65-9	Endosulfan II	4000	U
72-54-8	4,4'-DDD	4000	U
1031-07-8	Endosulfan sulfate	4000	U
50-29-3	4,4'-DDT	4000	U
72-43-5	Methoxychlor	20000	U
53494-70-5	Endrin ketone	4000	U
7421-93-4	Endrin aldehyde	4000	U
5103-71-9	alpha-Chlordane	2000	U
5103-74-2	gamma-Chlordane	2800	DP
8001-35-2	Toxaphene	200000	U
12674-11-2	Aroclor-1016	40000	U
11104-28-2	Aroclor-1221	80000	U
11141-16-5	Aroclor-1232	40000	U
53469-21-9	Aroclor-1242	300000	D
12672-29-6	Aroclor-1248	40000	U
11097-69-1	Aroclor-1254	40000	U
11096-82-5	Aroclor-1260	40000	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.:.E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08

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

% Moisture: 19 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	91	P
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC (Lindane)	21	U
76-44-8	Heptachlor	380	EP
309-00-2	Aldrin	530	E
1024-57-3	Heptachlor epoxide	190	P
959-98-8	Endosulfan I	83	
60-57-1	Dieldrin	74	
72-55-9	4,4'-DDE	40	U
72-20-8	Endrin	40	U
33213-65-9	Endosulfan II	40	U
72-54-8	4,4'-DDD	40	U
1031-07-8	Endosulfan sulfate	40	U
50-29-3	4,4'-DDT	40	U
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	40	U
7421-93-4	Endrin aldehyde	40	U
5103-71-9	alpha-Chlordane	21	U
5103-74-2	gamma-Chlordane	160	P
8001-35-2	Toxaphene	2100	U
12674-11-2	Aroclor-1016	400	U
11104-28-2	Aroclor-1221	820	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	17000	E
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	400	U
11096-82-5	Aroclor-1260	400	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W4DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-08DL

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

% Moisture: 19 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) Y pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	210	U
319-85-7	beta-BHC	210	U
319-86-8	delta-BHC	210	U
58-89-9	gamma-BHC (Lindane)	210	U
76-44-8	Heptachlor	570	DP
309-00-2	Aldrin	210	U
1024-57-3	Heptachlor epoxide	340	DP
959-98-8	Endosulfan I	210	U
60-57-1	Dieldrin	400	U
72-55-9	4,4'-DDE	400	U
72-20-8	Endrin	400	U
33213-65-9	Endosulfan II	400	U
72-54-8	4,4'-DDD	400	U
1031-07-8	Endosulfan sulfate	400	U
50-29-3	4,4'-DDT	400	U
72-43-5	Methoxychlor	2100	U
53494-70-5	Endrin ketone	400	U
7421-93-4	Endrin aldehyde	400	U
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	260	DP
8001-35-2	Toxaphene	21000	U
12674-11-2	Aroclor-1016	4000	U
11104-28-2	Aroclor-1221	8200	U
11141-16-5	Aroclor-1232	4000	U
53469-21-9	Aroclor-1242	28000	D
12672-29-6	Aroclor-1248	4000	U
11097-69-1	Aroclor-1254	4000	U
11096-82-5	Aroclor-1260	4000	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09

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

% Moisture: 24 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	66	P
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC (Lindane)	22	U
76-44-8	Heptachlor	120	P
309-00-2	Aldrin	270	
1024-57-3	Heptachlor epoxide	140	P
959-98-8	Endosulfan I	56	
60-57-1	Dieldrin	44	
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	4,4'-DDD	43	U
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	60	P
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	43	U
7421-93-4	Endrin aldehyde	43	U
5103-71-9	alpha-Chlordane	22	U
5103-74-2	gamma-Chlordane	110	P
8001-35-2	Toxaphene	2200	U
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	880	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	8700	E
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W5DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-09DL

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

% Moisture: 24 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor: 100.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	220	U
319-85-7	beta-BHC	220	U
319-86-8	delta-BHC	220	U
58-89-9	gamma-BHC (Lindane)	220	U
76-44-8	Heptachlor	220	U
309-00-2	Aldrin	220	U
1024-57-3	Heptachlor epoxide	220	U
959-98-8	Endosulfan I	220	U
60-57-1	Dieldrin	430	U
72-55-9	4,4'-DDE	430	U
72-20-8	Endrin	430	U
33213-65-9	Endosulfan II	430	U
72-54-8	4,4'-DDD	430	U
1031-07-8	Endosulfan sulfate	430	U
50-29-3	4,4'-DDT	430	U
72-43-5	Methoxychlor	2200	U
53494-70-5	Endrin ketone	430	U
7421-93-4	Endrin aldehyde	430	U
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	22000	U
12674-11-2	Aroclor-1016	4300	U
11104-28-2	Aroclor-1221	8800	U
11141-16-5	Aroclor-1232	4300	U
53469-21-9	Aroclor-1242	14000	D
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	4300	U
11096-82-5	Aroclor-1260	4300	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10

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

% Moisture: 23 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	35	EP
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	8.8	P
309-00-2	Aldrin	37	E
1024-57-3	Heptachlor epoxide	9.6	P
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.9	P
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	4.2	U
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	4.2	U
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	4.2	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	3.8	P
5103-74-2	gamma-Chlordane	21	P
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	1000	E
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W6DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-10DL

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

% Moisture: 23 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	56	DP
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC (Lindane)	22	U
76-44-8	Heptachlor	22	U
309-00-2	Aldrin	64	D
1024-57-3	Heptachlor epoxide	22	U
959-98-8	Endosulfan I	22	U
60-57-1	Dieldrin	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	4,4'-DDD	42	U
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	42	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	42	U
7421-93-4	Endrin aldehyde	42	U
5103-71-9	alpha-Chlordane	22	U
5103-74-2	gamma-Chlordane	34	DP
8001-35-2	Toxaphene	2200	U
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	860	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	1700	D
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	420	U
11096-82-5	Aroclor-1260	420	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11

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

% Moisture: 49 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.3	U
319-85-7	beta-BHC	47	P
319-86-8	delta-BHC	3.3	U
58-89-9	gamma-BHC (Lindane)	3.3	U
76-44-8	Heptachlor	3.3	U
309-00-2	Aldrin	8.3	
1024-57-3	Heptachlor epoxide	24	P
959-98-8	Endosulfan I	3.3	U
60-57-1	Dieldrin	6.4	U
72-55-9	4,4'-DDE	6.4	U
72-20-8	Endrin	6.4	U
33213-65-9	Endosulfan II	6.4	U
72-54-8	4,4'-DDD	6.4	U
1031-07-8	Endosulfan sulfate	6.4	U
50-29-3	4,4'-DDT	6.4	U
72-43-5	Methoxychlor	33	U
53494-70-5	Endrin ketone	6.4	U
7421-93-4	Endrin aldehyde	6.4	U
5103-71-9	alpha-Chlordane	3.3	U
5103-74-2	gamma-Chlordane	5.0	P
8001-35-2	Toxaphene	330	U
12674-11-2	Aroclor-1016	64	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	64	U
53469-21-9	Aroclor-1242	220	P
12672-29-6	Aroclor-1248	64	U
11097-69-1	Aroclor-1254	64	U
11096-82-5	Aroclor-1260	64	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W7DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-11DL

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

% Moisture: 49 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	33	U
319-85-7	beta-BHC	61	DP
319-86-8	delta-BHC	33	U
58-89-9	gamma-BHC (Lindane)	33	U
76-44-8	Heptachlor	33	U
309-00-2	Aldrin	33	U
1024-57-3	Heptachlor epoxide	33	U
959-98-8	Endosulfan I	33	U
60-57-1	Dieldrin	64	U
72-55-9	4,4'-DDE	64	U
72-20-8	Endrin	64	U
33213-65-9	Endosulfan II	64	U
72-54-8	4,4'-DDD	64	U
1031-07-8	Endosulfan sulfate	64	U
50-29-3	4,4'-DDT	64	U
72-43-5	Methoxychlor	330	U
53494-70-5	Endrin ketone	64	U
7421-93-4	Endrin aldehyde	64	U
5103-71-9	alpha-Chlordane	33	U
5103-74-2	gamma-Chlordane	33	U
8001-35-2	Toxaphene	3300	U
12674-11-2	Aroclor-1016	640	U
11104-28-2	Aroclor-1221	1300	U
11141-16-5	Aroclor-1232	640	U
53469-21-9	Aroclor-1242	640	U
12672-29-6	Aroclor-1248	640	U
11097-69-1	Aroclor-1254	640	U
11096-82-5	Aroclor-1260	640	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12

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

% Moisture: 34 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/20/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.6	U
319-85-7	beta-BHC	2.6	U
319-86-8	delta-BHC	8.5	
58-89-9	gamma-BHC (Lindane)	2.6	U
76-44-8	Heptachlor	2.6	U
309-00-2	Aldrin	53	E
1024-57-3	Heptachlor epoxide	8.8	P
959-98-8	Endosulfan I	2.6	U
60-57-1	Dieldrin	8.8	
72-55-9	4,4'-DDE	5.0	U
72-20-8	Endrin	5.0	U
33213-65-9	Endosulfan II	5.0	U
72-54-8	4,4'-DDD	5.0	U
1031-07-8	Endosulfan sulfate	5.0	U
50-29-3	4,4'-DDT	5.0	U
72-43-5	Methoxychlor	29	P
53494-70-5	Endrin ketone	5.0	U
7421-93-4	Endrin aldehyde	5.0	U
5103-71-9	alpha-Chlordane	2.6	U
5103-74-2	gamma-Chlordane	11	P
8001-35-2	Toxaphene	260	U
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	1300	EP
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00W8DL

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: 020440-12DL

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

% Moisture: 34 Decanted: (Y/N) N Date Received: 05/02/02

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	26	U
319-85-7	beta-BHC	26	U
319-86-8	delta-BHC	26	U
58-89-9	gamma-BHC (Lindane)	26	U
76-44-8	Heptachlor	26	U
309-00-2	Aldrin	26	U
1024-57-3	Heptachlor epoxide	26	U
959-98-8	Endosulfan I	26	U
60-57-1	Dieldrin	50	U
72-55-9	4,4'-DDE	50	U
72-20-8	Endrin	50	U
33213-65-9	Endosulfan II	50	U
72-54-8	4,4'-DDD	50	U
1031-07-8	Endosulfan sulfate	50	U
50-29-3	4,4'-DDT	50	U
72-43-5	Methoxychlor	260	U
53494-70-5	Endrin ketone	50	U
7421-93-4	Endrin aldehyde	50	U
5103-71-9	alpha-Chlordane	26	U
5103-74-2	gamma-Chlordane	26	U
8001-35-2	Toxaphene	2600	U
12674-11-2	Aroclor-1016	500	U
11104-28-2	Aroclor-1221	1000	U
11141-16-5	Aroclor-1232	500	U
53469-21-9	Aroclor-1242	2000	DP
12672-29-6	Aroclor-1248	500	U
11097-69-1	Aroclor-1254	500	U
11096-82-5	Aroclor-1260	500	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X0

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-13

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

% Moisture: ____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MS

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MS

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.35	
76-44-8	Heptachlor	0.28	
309-00-2	Aldrin	0.25	
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.67	
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.74	
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	0.45	
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X1MSD

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-14MSD

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.33	
76-44-8	Heptachlor	0.25	
309-00-2	Aldrin	0.21	
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.64	
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.72	
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	0.41	
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X3

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-15

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X4

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: . SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-16

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X5

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-17

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X6

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-18

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00X7

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-19

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E00Y8

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: 020440-20

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

% Moisture: _____ Decanted: (Y/N) ___ Date Received: 05/02/02

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/19/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) WATER Lab Sample ID: P0504-B6

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

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

Extraction: (Type) SEPF Date Extracted: 05/04/02

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP Contract: 68-W-99-065

Lab Code: CEIMIC Case No.: 30448 SAS No.: SDG No.: E00T3

Matrix: (soil/water) SOIL Lab Sample ID: P0508-B4

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

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

Extraction: (Type) SONC Date Extracted: 05/08/02

Concentrated Extract Volume: 5000(uL) Date Analyzed: 05/18/02

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E00T3 CERCLIS No: ILN000508283

Case No: 30448 Site Name/Location: LACLEDE STEEL

Contractor or EPA Lab: CEIMIC Data User: IEPA

No. of Samples: 20 Date Sampled or Date Received: 5-24-02

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: 20 No. of samples received: 20

Received by: Ena M. Dixon/ESAI Date: 5-24-02

Received by LSSS: Ena M. Dixon/ESAI Date: 5-24-02

Review started: ____ Reviewer Signature: ____

Total time spent on review: ____ Date review completed: ____

Copied by: Ena M. Dixon/ESAI Date: 6-5-02

Mailed to user by: Ena M. Dixon/ESAI Date: 6-5-02

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

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. Date: ____