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186982

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

START-02-F-00498

TRANSMITTAL MEMO

To: Nicholas Magriples, OSC
Removal Action Branch, U.S. EPA Region II

From: Smita Sumbaly, Data Reviewer
Kathy Campbell, PM
START Region II

Subject: Cornell-Dubilier Electronics Site
Data Validation Assessment

Date: August 27, 1996

The purpose of this memo is to transmit the following information:

- Data validation results for the following parameters:

  TAL 19 samples

- Matrices and Number of Samples

  Soil 18 samples
  Aqueous 1 sample

- Sampling date: July 16, 1996.

The final data assessment narrative and original analytical data package are attached.

cc: START PM Kathy Campbell
START FILE TDD #:02-9604-0003
TDD #:02-9506-0021
PCS #:1416

U.S. ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: August 27, 1996

TO: Nicholas Magriples, OSC
USEPA Region II

FROM: Smita Sumbaly
START Data Review Team

SUBJECT: QA/QC Compliance Review Summary

As requested quality control and performance measures for the data packages noted have been examined and compared to EPA standards for compliance. Measures for the following general areas were evaluated as applicable:

Data Completeness	Blanks
Spectra Matching Quality	DFTPP and BFB Tuning
Surrogate Spikes	Chromatography
Matrix Spikes/Duplicates	Holding Times
Calibration	Compound ID (HSL, TIC)

Any statistical measures used to support the following conclusions are attached so that the review may be reviewed by others.

Summary of Results

	I	II	III	IV
	Metal(s)			
Acceptable as Submitted				
Acceptable with Comments	X			
Unacceptable, Action Pending				
Unacceptable				

Data Reviewed by: Smita Sumbaly Date: 08/27/96

Approved By: [signature] Date: 8/27/96

Area Code/Phone No.: (908) 225-6116

NARATIVE

CASE No. 1416

SITE NAME: Cornell-Dubilier Electronics Site

South Plainfield, New Jersey.

Laboratory Name: Industrial Corrosion Management, Inc. (ICM),
Randolph, New Jersey.

INTRODUCTION:

The laboratory's portion of this Case consisted of 18 - soil and 1- Aqueous samples collected on July 16, 1996.

The laboratory reported No problem(s) with the receipt of these samples.

The laboratory reported No problems with the analyses of Inorganic parameters (Chromium, Cadmium, Lead, Mercury & silver).

The evaluator has commented on the criteria specified under each fraction heading. All criteria have been assessed, but no discussion is given where the evaluator has determined that criteria were adequately performed or require no comment. Details relevant to these comments are given on the following forms.

IV. Inorganic:

_Y_ Data Summary/Tablulated Results
_Y_ Initial and Continuing Calibration
_Y_ Blanks
_Y_ ICP Interference Check
_Y_ Spike Sample Recovery
_Y_ Duplicates
_Y_ Detection Limits
_NA_ Standard Addition Results
_Y_ ICP Serial Dilutions
_Y_ Holding Times
_Y_ ICP Interelement Correction Factors
_Y_ ICP Linear Ranges
_Y_ Chain of Custody
_Y_ Raw Data
_Y_ Quantitation, Conversions, Dilutions, etc.

Comments:

1. Refer to Data Assessment Narrative.

STANDARD OPERATING PROCEDURE

Title: Evaluation of Inorganic Data for the Contract laboratory Program
Appendix A.2: Data Assessment Narrative

Date: Jan. 1992
Number: HW-2
Revision: 11

Case #:	**RFP #1416**	**Site: Cornell Dubilier Electronics Site**	
SDG#:	**RIN3**	**Lab: Industrial Corrosion Management, Inc.**	**Matrix: Soil: 2**
Contractor:	**WESTON-START**	**Reviewer: SMITA SUMBALY**	**Water:1**

A.2.1 Validation Flags- The following flags have been applied in red by the data validator and must be considered by the data user.

J- This flag indicates the result qualified as estimated.

Red- Line- A red-line drawn through a sample result indicates an unusable value. The red-lined data are known to contain significant errors based on documented information and must not be used by the data user.

Fully Usable Data- The results that do not carry "J" or "red-line" are fully usable.

Contractual Qualifiers- The legend of contractual qualifiers applied by the laboratory on Form I's is found on page B-20 of SOW ILM03.0.

A.2.2 The data assessment is given below and on the attached sheets.

On July 16, 1996, USEPA Region II START personnel collected 18 soil samples and one low concentration aqueous rinsate blank from the Cornell-Dubilier Electronics Site, South Plainfield, New Jersey. Within twenty-four hours of collection, samples were hand-delivered to Industrial Corrosion Management (ICM), Inc, Randolph, New Jersey. The laboratory verified that samples were received intact.

Target Analyte List (TAL) inorganic analyses for Lead, Chromium, Cadmium, Mercury & Silver were performed following the Contract Laboratory Program (CLP) Statement of Work (SOW) number 03/90 (ILMO3.0).

A.2.2 (continuation)

Client identification (ID) and laboratory ID numbers are as follows:

Client ID No.	Laboratory ID No.	Matrix
SS23	239997	Soil
SS24	239999	Soil
S23	239996	Soil
S24	239998	Soil
S25	240000	Soil
S29	240006	Soil
TP1A	239987	Soil
TP1B	239988	Soil
TP2A	239989	Soil
TP2B	239990	Soil
TP3A	240003	Soil
TP3B	240004	Soil
TP4A	240005	Soil
TP5A	240001	Soil
TP5B	240002	Soil
TP6A	239991	Soil
TP6B	239992	Soil
TP8A 1	239993	Soil
RIN3 2	239995	Aqueous

1) Soil sample TP8A is a field duplicate sample of TP6A.

2) Aqueous Rinsate blank sample RIN3 is associated with the above soil samples.

The results presented in the data package are acceptable with the exception noted in the following data assessment narrative.

Title: Evaluation of Inorganic Data for the Contract laboratory Program
Appendix A.2: Data Assessment Narrative

Date: Jan. 1992
Number: HW-2
Revision: 11

A.2.2 (continuation)

MATRIX SPIKE RECOVERY:-

The following positive TAL inorganic analyte was either qualified as estimated "J" or rejected "red-lined" in the associated samples due to spike recoveries (% R) outside of specified QC limits in the associated spike samples and because the sample result (SR) concentration < 4 X the spike added (SA) concentration:

ANALYTE	Percent Recovery	Qualifier	Associated Samples
Chromium	142%	"J"	SS23, SS24, S23, S24, S25, S29, TP1A, TP1B, TP2A, TP2B, TP3A, TP3B, TP4A, TP5A, TP5B, TP6A, TP6B & TP8A

Title: Evaluation of Inorganic Data for the Contract laboratory Program
Appendix A.2: Data Assessment Narrative

Date: Jan. 1992
Number: HW-2
Revision: 11

A.2.2 (continuation)

A.2.3 Contract Problem/Non-Compliance:

MMB/ESAT Reviewer: _____ Signature _____ Date:

Contractor Reviewer: Sunita Sumbaly Signature 8/27/96 Date:

Verified by: _____ Signature _____ Date:

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site — START PM: Kathy Campbell

Sampling Date: July 16, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil SS23 239997		Soil SS24 239999		Soil S23 239996		Soil S24 239998		Soil S25 240000	
Percent Solids		84.7		90.8		91.5		93.2		85.5	
Dilution Factor		1		1		1		1		1	
Cadmium	0.16	1.7		0.73	B	3.9		5.4		9.6	
Chromium	0.24	11.4	J	17.8	J	16.1	J	29.9	J	23.1	J
Lead	0.34	126		349		297		283		441	
Mercury	0.05	0.22		0.08	B	0.29		0.11		0.74	
Silver	0.46	1.7	B	4.7		4.2		13.8		6.7	

Total Metals	Method Detection Limit	Soil S29 240006		Soil TP1A 239987		Soil TP1B 239988		Soil TP2A 239989		Soil TP2B 239990	
Percent Solids		59.0		84.6		88.2		87.9		87.2	
Dilution Factor		1		1		1		1		1	
Cadmium	0.16	44.7		12.0		1.3		3.0		U	
Chromium	0.24	34.1	J	65.1	J	15.9	J	13.9	J	13.9	J
Lead	0.34	1740		294		55.2		139		11.3	
Mercury	0.05	1.2		1.1		0.12		0.34		U	
Silver	0.46	7.0		3.2		U		3.4		U	

Inorganic Qualifiers

U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site START PM: Kathy Campbell

Sampling Date: July 16, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil TP3A 240003		Soil TP3B 240004		Soil TP4A 240005		Soil TP5A 240001		Soil TP5B 240002	
Percent Solids		86.9		82.5		76.3		82.8		54.3	
Dilution Factor		1		1		1		1		1	
Cadmium	0.16	7.1		U		5.4		16.6		14.8	
Chromium	0.24	14.6	J	9.4	J	27.5	J	15.7	J	191	J
Lead	0.34	318		7.3		459		1180		480	
Mercury	0.05	0.97		U		0.25		0.63		U	
Silver	0.46	0.71	B	U		2.6	B	5.4		3.1	B

Total Metals	Method Detection Limit	Soil TP6A 239991		Soil TP6B 239992		Soil TP8A 239993					
Percent Solids		65.6		84.1		69.8					
Dilution Factor		1		1		1					
Cadmium	0.16	1.7		U		1.3	B				
Chromium	0.24	75.0	J	14.2	J	33.1	J				
Lead	0.34	1970		25.4		1870					
Mercury	0.05	0.30		U		0.34					
Silver	0.46	U		U		U					

Inorganic Qualifiers
U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site START PM: Kathy Campbell

Sampling Date: July 16, 1996

SAMPLE #/CONCENTRATION (UG/L)

Total Metals	Method Detection Limit	Water RIN3 239995				
Percent Solids		0.0				
Dilution Factor		1				
Cadmium	0.80	U				
Chromium	1.2	U				
Lead	1.7	U				
Mercury	0.10	U				
Silver	2.3	U				

Total Metals	Method Detection Limit					
Percent Solids						
Dilution Factor						
Cadmium						
Chromium						
Lead						
Mercury						
Silver						

Inorganic Qualifiers

U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RIN3

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): WATER Lab Sample ID: 239995

Level (low/med): LOW__ Date Received: 07/24/96

% 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_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.80	U		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	1.2	U		P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	1.7	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.10	U		CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	2.3	U		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS23

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239997

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _84.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.7			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	11.4		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	126			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.22			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	1.7	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS24

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239999

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _90.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.73	B		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	17.8		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	349			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.08	B		CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	4.7			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: TAN\RED__ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:_STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S23

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239996

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _91.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	3.9			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	16.1		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	297			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.29			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	4.2			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: _STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S24

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239998

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _93.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	5.4	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	29.9	_	N J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	283	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.11	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	13.8	_		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: TAN\RED__ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:_STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S25

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 240000

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _85.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	9.6			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	23.1		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	441			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.74			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	6.7			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: _STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S29

ab Name: ICM_LABS Contract: _____

ab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

atrix (soil/water): SOIL_ Lab Sample ID: 240006

evel (low/med): LOW__ Date Received: 07/17/96

Solids: _59.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	44.7			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	34.1		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	1740			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	1.2			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	7.0			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

olor Before: BLACK/WHI Clarity Before: OPAQUE Texture: MED___

olor After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

omments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP1A

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239987

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _84.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	12.0	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	65.1	_	N J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	294	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	1.1	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	3.2	_		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: _STONES, _GLASS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP1B

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239988

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _88.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.3			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	15.9		N J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	55.2			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.12			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.52	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: STONES

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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP2A

Name: ICM_LABS Contract: _____

Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239989

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _87.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	3.0			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	13.9		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	139			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.34			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	3.4			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: _STONES

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U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP2B

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239990

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _87.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.18	U		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	13.9	_	N	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____	11.3	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.06	U		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.53	U		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc_____		_		NR
_____	Cyanide__		_		NR

Color Before: RED/BROWN Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP3A

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 240003

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _86.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	7.1			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	14.6		N	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	318			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.97			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	0.71	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP3B

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 240004

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _82.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.4		N J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	7.3			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.06	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.56	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP4A

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 240005

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _76.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	5.4			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	27.5		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	459			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.25			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	2.6	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: _STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP5A

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 240001

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _82.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	16.6			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	15.7		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	1180			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.63			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	5.4			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK/BRO Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP5B

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 240002

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _54.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	14.8			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	191		N J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	480			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.09	U		CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	3.1	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: TAN_____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP6A

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239991

Level (low/med): LOW__ Date Received: 07/17/96

Solids: _65.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	1.7	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	75.0	_	N J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	1970	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.30	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.70	U		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: RED/BROWN Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:_STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP6B

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239992

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _84.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.19	U		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	14.2	_	N J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	25.4	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.06	U		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.55	U		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: RED/BROWN Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: _STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP8A

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN3__

Matrix (soil/water): SOIL_ Lab Sample ID: 239993

Level (low/med): LOW__ Date Received: 07/17/96

% Solids: _69.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.3	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	33.1		N J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1870			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.34			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.66	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: RED/BROWN Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: STONES

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CHAIN OF CUSTODY RECORD

1416

PO No.:

52-66625

The Laboratory should send verbal and written results to the attention of Smita Sumbaly, START Analytical Coordinator

Matrix Box No. 6:	Preservative Box No. 7:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Name of Unit and Address: WESTON MANAGERS DESIGNERS/CONSULTANTS

Suite 201
1090 King Georges Post Road, Edison, New Jersey 08837-3703
Phone: 908-225-6116 Fax: 908-225-7037

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box 6 #)	Sample Conc. L/M/H	Sample Type C/G	Sample Preservative (Enter # from box 7)	RAS ANALYSES VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSES IGN	COR	REACT	TPH	OTHER
																3.0°C
TP1A	7/16/96 950	5	M/H	G	6				X			239987				Cd, CR Pb, Hg Ag MS/MSD
TP1B	7/16/96 1005	5	M/H	G	6				X			239988				cd cr Pb Hg Ag
TP2A	7/16/96 1055	5	M/H	G	6				X			239989				cd, cr Pb Hg Ag
TP2B	7/16/96 1105	5	M/H	G	6				X			239990				cd cr Pb Hg Ag
TP6A	7/16/96 1215	5	M/H	G	6				X			239991				cd cr Pb Hg Ag
TP6B	7/16/96 1230	5	M/H	G	6				X			239992				cd cr Pb Hg Ag
TP8A	7/16/96 1215	5	M/H	G	6				X			239993				cd cr Pb Hg Ag
RID 3	7/16/96 ~~1410~~ 1310	4	L	G	6				X			239994				
RID 3	7/16/96 ~~1410~~ 1310	4	L	G	2 6					X		239995				SUBSET PER LAB. MK
S23	7/16/96 1410	5	M/H	G	6				X			239996				cd Cr Pb Hg Ag
SS23	7/16/96 1420	5	M/H	G	6				X			239997				cd Cr Pb Hg Ag
S24	7/16/96 1400	5	M/H	G	6				X			239998				cd Cr Pb Hg Ag
SS24	7/16/96 1415	5	M/H	G	6				X			239999				cd cr Pb Hg Ag

Person Assuming Responsibility for Sample: Jennifer Leahy — Time: 1730 — Date (MM/DD/YY): 7/16/96

Sample Number	Relinquished By:	Time	Date MM/DD/YY	Received By:	Reason for Change of Custody
All	Jennifer Leahy	830	7/17/96	Swamy S. Jetha	Delivery to Lab
Sample Number	Relinquished By:	Time	Date MM/DD/YY	Received By:	Reason for Change of Custody
All	Swamy S. Jetha	1015	7/17/96	Paul [illegible]	Receipt at lab
Sample Number	Relinquished By:	Time	Date MM/DD/YY	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.F. Sarrett Associates, PRC Environmental Management

RFP No.: 1416

PO No.: 52-65676

CHAIN OF CUSTODY RECORD

The Laboratory should send verbal and written results to the attention of Smita Sumbaly, START Analytical Coordinator

Matrix Box No. 6:	Preservative Box No. 7:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Name of Unit and Address: WESTON MANAGERS DESIGNERS/CONSULTANTS Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703 Phone: 908-225-6116 Fax: 908-225-7037

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box 6 #)	Sample Conc. L/M/H	Sample Type C/G	Sample Preservative (Enter # from box 7)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	TPH	OTHER
S25	7/16/96 1330	5	M/H	G	6				X			240000				Cd Cr Pb Hg Ag
TP5A	7/16/96 1450	5	M/H	G	6				X			240001				Cd Cr Pb Hg Ag
TP5B	7/16/96 1500	5	M/H	G	6				X			240002				Cd Cr Pb Hg Ag
TP3A	7/16/96 1545	5	M/H	G	6				X			240003				Cd Cr Pb Hg Ag
TP3B	7/16/96 1600	5	M/H	G	6				X			240004				Cd Cr Pb Hg Ag
TP4A	7/16/96 1650	5	M/H	G	6				X			240005				Cd Cr Pb Hg Ag
S29	7/16/96 1715	5	M/H	G	6				X			240006				Cd Cr Pb Hg Ag

Person Assuming Responsibility for Sample: Jennifer Leahy — Time: 1730 — Date (MM/DD/YY): 7/16/96

Sample Number	Relinquished By:	Time	Date MM/DD/YY	Received By:	Reason for Change of Custody
All	Jennifer Leahy	830	7/17/96	Swamy S. Kotha	Delivery to Lab
ALL	Swamy S. Kotha	0715 ~~0800~~	7/17/96	Paul Lins	Receipt at Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sanders Associates, PRC Environmental Management

ecology and environment, inc.
International Specialists in the Environment
ANALYTICAL SERVICES CENTER
4493 Walden Avenue
Lancaster, New York 14086
Tel. (716) 685-8080, Fax: (716) 685-0852

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MAY - 1 1996
MAY - 01, 1996

April 30, 1996

Ms. Smita Sumbaly
Roy F. Weston
1090 King Georges Post Road
Suite 201
Edison, New Jersey 08837

RE: 9600.789

Dear Ms. Sumbaly:

Attached is the laboratory report of the analyses conducted on samples received at the Analytical Services Center on April 24, 1996. Analyses were performed according to procedures set forth in NIOSH 5503 and 7300.

The chain of custody form provided herein is integral to this report and must be included with the analytical results forms upon transferral to another data user.

The accuracy of all analyses depends upon the representative nature of the sample and the reliability of collection procedures as well as the accuracy of the laboratory analysis of the sample as submitted. Ecology and Environment, Inc.'s activity and representations with respect to these samples are limited solely to the laboratory analysis of the samples presented to us.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the samples is authorized by the client.

CASE NARRATIVE

Desorption efficiency raw data is located on pages 8-13 of this data package.

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METALS

Due to software limitations, E & E identification codes have been used throughout this report. Full client ID's can be found in the comment section on form 1.

The following calculation was used for the determination of arsenic and lead in air samples:

$$\frac{\text{ug}}{\text{Liter}} \times \frac{0.01\ \text{Liter}}{1\ \text{filter}} = \frac{\text{ug}}{\text{filter}}$$

The spike recoveries for samples MCEF-SA and MCEF-SB were calculated using the associated lot blanks as the original sample results (MCEF-LA and MCEF-LB respectively).

Lead was detected in the preparation blank at 0.256 ug/filter, just above the IDL of 0.21 ug/filter. Lead was also detected in all the samples. It is not possible to redigest and reanalyze filters.

PCB in Air

The following calculations were used for the determination of PCB's in air samples:

1. $$\text{Result}\ \frac{\text{ug}}{\text{tube}} = \frac{1.0\ \text{ml final volume}}{\text{tube}} \times \text{concentration}\ \frac{\text{ug}}{\text{ml}}$$

2. liters x (1 cubic meter / 1000 liters) = 1 cubic meter

$$\text{Result}\ \frac{\text{ug}}{\text{cubic meter}} = \text{concentration}\ \frac{\text{ug}}{\text{ml}} \times \frac{1.0\ \text{ml final volume}}{\text{volume sampled (cubic meter)}}$$

Accidentally, pesticide spiking solution was added to all samples instead of PCB surrogate solution. The pesticide compounds do not interfere with the PCB pattern.

The extraction codes for the PCB in air analyses are as follows: 3200 = front end of tube, 3210 = back end of tube, 3220 = front end of spiked tube, 3290 = back end of spiked tube.

The continuing AROCLOR-1254 standards (runs 17, 28, & 35) exceeded the 15% difference criteria. Percent differences were 16%, 17%, and 24% respectively.

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1996

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

Gary Hahn

Gary Hahn - Manager
Analytical Services Center
April 30, 1996

Total number of pages in this data package is: 358 .

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

START-02-F-00577

TRANSMITTAL MEMO

To: Nicholas Magriples, OSC
Removal Action Branch, U.S. EPA Region II

From: Smita Sumbaly, Data Reviewer
Kathy Campbell, PM
START Region II

Subject: Cornell-Dubilier Electronics Site
Data Validation Assessment

Date: October 2, 1996

The purpose of this memo is to transmit the following information:

- Data validation results for the following parameters:

  TAL Metals 50 samples

- Matrices and Number of Samples

  Soil 48 samples
  Aqueous 02 samples

- Sampling date: June 27 & 29, 1996.

The final data assessment narrative and original analytical data package are attached.

cc: START PM Kathy Campbell
START FILE TDD #:02-9604-0003
TDD #:02-9606-0021
PCS #:1416

U.S. ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: October 1, 1996

TO: Nicholas Magriples, OSC
USEPA Region II

FROM: Smita Sumbaly
START Data Review Team

SUBJECT: QA/QC Compliance Review Summary

As requested quality control and performance measures for the data packages noted have been examined and compared to EPA standards for compliance. Measures for the following general areas were evaluated as applicable:

Data Completeness	Blanks
Spectra Matching Quality	DFTPP and BFB Tuning
Surrogate Spikes	Chromatography
Matrix Spikes/Duplicates	Holding Times
Calibration	Compound ID (HSL, TIC)

Any statistical measures used to support the following conclusions are attached so that the review may be reviewed by others.

Summary of Results

	I TAL Metal(s)	II TOC	III Grain-Size	IV
Acceptable as Submitted		X	X	
Acceptable with Comments	X			
Unacceptable, Action Pending				
Unacceptable				

Data Reviewed by: Smita Sumbaly Date: 10/01/96

Approved By: [signature] Date: 10/1/96

Area Code/Phone No.: (908) 225-6116

NARATIVE

CASE No. 1416

SITE NAME: Cornell-Dubilier Electronics Site

South Plainfield, New Jersey.

Laboratory Name: Industrial Corrosion Management, Inc. (ICM),
Randolph, New Jersey.

INTRODUCTION:

The laboratory's portion of this Case consisted of 48 - Soil and 2- Aqueous samples collected on June 27 & 29, 1996.

The laboratory reported No problem(s) with the receipt of these samples.

The laboratory reported No problems with the analyses of Inorganic parameters (Chromium, Cadmium, Lead, Mercury & Silver).

The evaluator has commented on the criteria specified under each fraction heading. All criteria have been assessed, but no discussion is given where the evaluator has determined that criteria were adequately performed or require no comment. Details relevant to these comments are given on the following forms.

IV. Inorganic: _____

_Y_ Data Summary/Tablulated Results
_Y_ Initial and Continuing Calibration
_Y_ Blanks
_Y_ ICP Interference Check
_Y_ Spike Sample Recovery
_Y_ Duplicates
_Y_ Detection Limits
_NA_ Standard Addition Results
_Y_ ICP Serial Dilutions
_Y_ Holding Times
_Y_ ICP Interelement Correction Factors
_Y_ ICP Linear Ranges
_Y_ Chain of Custody
_Y_ Raw Data
_Y_ Quantitation, Conversions, Dilutions, etc.

Comments:

1. Refer to Data Assessment Narrative.

Title: Evaluation of Inorganic Data for the Contract laboratory Program
Appendix A.2: Data Assessment Narrative

Date: Jan. 1992
Number: HW-2
Revis2ion: 11

Case #:	**RFP # 1416**	**Site: Cornell-Dubilier Electronics Site**	
SDG#:	**RIN1B & RIN2**	**Lab: ICM, Inc.**	**Matrix: Soil: 48**
Contractor:	**WESTON-TAT**	**Reviewer: SMITA SUMBALY**	**Water: 2**

A.2.1 Validation Flags- The following flags have been applied in red by the data validator and must be considered by the data user.

J- This flag indicates the result qualified as estimated.

Red- Line- A red-line drawn through a sample result indicates an unusable value. The red-lined data are known to contain significant errors based on documented information and must not be used by the data user.

Fully Usable Data- The results that do not carry "J" or "red-line" are fully usable.

Contractual Qualifiers- The legend of contractual qualifiers applied by the laboratory on Form I's is found on page B-20 of SOW ILM01.0.

A.2.2 The data assessment is given below and on the attached sheets.

On June 27 & 29, 1996, USEPA Region II START personnel collected 48 soil samples and two low concentration aqueous rinsate blanks for selected metals (Cd, Cr, Pb, Hg & Ag) and one sediment sample for Total Organic Carbon (TOC) and Grain size from the Cornell-Dubilier Electronics Site, South Plainfield, New Jersey. Within twenty-four hours of collection, samples were hand-delivered to Industrial Corrosion Management (ICM), Inc, Randolph, New Jersey. The laboratory verified that samples were received intact.

Target Analyte List (TAL) inorganic analyses for Lead, Chromium, Cadmium, Mercury & Silver were performed following the Contract Laboratory Program (CLP) Statement of Work (SOW) number 03/90 (ILMO3.0). Total Organic Carbon (TOC) analyses were performed following the the MCAWW Method No. 415.1 and grain size analyses were performed following the ASTM Method No. D422-63.

A.2.2 (continuation)

Client identification (ID) and laboratory ID numbers are as follows:

SDG: RIN1B

Client ID No.	Laboratory ID No.	Matrix	Sampling Date
SS1	238536	Soil	06/27/96
SS10	238558	Soil	06/27/96
SS11	238560	Soil	06/27/96
SS12	238562	Soil	06/27/96
SS2	238538	Soil	06/27/96
SS26	238550	Soil	06/27/96
SS3	238540	Soil	06/27/96
SS4	238542	Soil	06/27/96
SS5	238546	Soil	06/27/96
SS6 [2]	238548	Soil	06/27/96
SS7	238552	Soil	06/27/96
SS8	238554	Soil	06/27/96
SS9	238556	Soil	06/27/96
S1	238535	Soil	06/27/96
S10	238557	Soil	06/27/96
S11	238559	Soil	06/27/96
S12	238561	Soil	06/27/96
S2	238537	Soil	06/27/96
S26 [1]	238549	Soil	06/27/96
S3	238539	Soil	06/27/96
S4	238541	Soil	06/27/96
S5	238545	Soil	06/27/96
S6	238547	Soil	06/27/96
S7	238551	Soil	06/27/96
S8	238553	Soil	06/27/96
S9	238555	Soil	06/27/96
RIN1B [3]	238544	WATER	06/27/96

1) Soil grab sample S26 is a field duplicate sample of S6.

2) Soil grab sample SS26 is a field duplicate sample of SS6.

3) Aqueous Rinse blank sample RIN1B is associated with the above soil grab samples.

A.2.2 (continuation)

Client identification (ID) and laboratory ID numbers are as follows:

SDG: RIN2

Client ID No.	Laboratory ID No.	Matrix	Sampling Date
SS13	238910	Soil	06/29/96
SS14	238912	Soil	06/29/96
SS15	238914	Soil	06/29/96
SS16	238916	Soil	06/29/96
SS17	238918	Soil	06/29/96
SS18	238920	Soil	06/29/96
SS19	238922	Soil	06/29/96
SS20	238924	Soil	06/29/96
SS21	238926	Soil	06/29/96
SS22	238928	Soil	06/29/96
SS28 [2]	238932	Soil	06/29/96
S13	238909	Soil	06/29/96
S14	238911	Soil	06/29/96
S15	238913	Soil	06/29/96
S16	238915	Soil	06/29/96
S17	238917	Soil	06/29/96
S18	238919	Soil	06/29/96
S19	238921	Soil	06/29/96
S20	238923	Soil	06/29/96
S21	238925	Soil	06/29/96
S22	238927	Soil	06/29/96
S28 [1]	238931	Soil	06/29/96
RIN2 [3]	238929	WATER	06/29/96

[1]) Soil grab sample S28 is a field duplicate sample of S17.

[2]) Soil grab sample SS28 is a field duplicate sample of SS17.

[3]) Aqueous Rinse blank sample RIN2 is associated with the above soil grab samples.

A.2.2 (continuation)

The result presented in the data package for Grain Size are acceptable as submitted.

The results presented in the data package for Total metals and Total Organic Carbon (TOC) are acceptable with the exception noted in the following data assessment narrative.

Holding times:- All samples were analyzed within 14 days; holding times were not exceeded.

CALIBRATION:- The correlation coefficient (r^2) of standard concentration versus absorbance readings is greater than (>) 0.995 for linear calibration curves generated in the data package.

RAW DATA:- The laboratory provided the supporting raw data for this package. This data package contains Summary of analytical results, Blank results, Initial & Continuing Calibration Recovery, Spike Sample Recovery, Lab Duplicate Results, Laboratory Control Sample Results, and analysis Run Log.

INITIAL CALIBRATION VERIFICATION/CONTINUING CALIBRATION VERIFICATION:- ICV/CCV were run at appropriate intervals as noted on the Calibration Summary form. All ICV/CCV recoveries are within the acceptable range of 90 to 110%.

MATRIX SPIKE ANALYSIS:- Matrix Spike recovery for Lead was outside the % Recovery range. No qualification was required since the sample concentration was greater than 4 times the spike added.

LABORATORY CONTROL SAMPLES:- All LCS recoveries are within the acceptable range of 80 to 120%.

DUPLICATE ANALYSIS:-Data met laboratory duplicate analysis QC criteria ($\leq$ 20% RPD)

ICP SERIAL DILUTION:-

The following positive TAL inorganic data > 10 X IDL (or > MDL when the MDL is > 10 X IDL) were either qualified as estimated "J" or rejected "red-lines" because the percent difference (% D) between the Initial Sample result (I) and the Serial dilution Sample result (S) is either between 10-100% or > 100% when the concentration of I is > 10 X IDL:

A.2.2 (continuation)

Analyte	Control Limit	Percent Difference	Qualifier	Associated Samples
SDG: RIN1B				
Lead	> 17 ug/l	11.6%	"J"	SS1, SS10, SS11, SS12, SS2, SS26, SS3 SS4, SS5, SS6, SS7, SS8, SS9, S1, S10,S11, S12, S2, S26, S3, S4, S5, S6, S7, S8 & SS9
SDG: RIN2				
Chromium	> 10 ug/l	11.6%	"J"	SS13, SS14, SS15, SS16, SS17, SS18, SS19, SS20, SS21, SS22, SS28, S13, S14, S15, S16, S17, S18, S19, S20, S21, S22 & S28
Cadmium	> 5 ug/l	26.3%	"J"	SS13, SS15, SS16, SS19, SS20, SS21, SS22, S13, S14, S15, S16, S17, S19, S20, S21, S28 & S22

PERCENT SOLID OF SEDIMENTS:-

The following analytes were either qualified as estimated "J" or rejected "red-lined " in the associated samples because percent solids content is less than 50%.

ANALYTE	% SOLID	LIMIT	QUALIFIER	ASSOCIATED SAMPLES
Cadmium, Chromium, Mercury & silver	37.1%/43.1%	>50%	"J"	SS10 & S10
TOC	45.5%	>50%	"J"	SED4

Title: Evaluation of Inorganic Data for the Contract laboratory Program
Appendix A.2: Data Assessment Narrative

Date: Jan. 1992
Number: HW-2
Revision: 11

A.2.2 (continuation)

A.2.3 Contract Problem/Non-Compliance:

MMB/ESAT Reviewer:	Signature	Date:
Contractor Reviewer:	Smita Sumbaly Signature	October 1, 1996 Date:
Verified by:	Signature	Date:

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site

START PM: Kathy Campbell

Sampling Date: June 27, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil SS1 238536		Soil SS10 238558		Soil SS11 238560		Soil SS12 238562		Soil SS2 238538	
Percent Solids		91.8		37.1		89.5		83.3		88.8	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	0.87	B	4.6	J	0.62	B	0.8	B	3.6	
Chromium	0.12	13.9		56.5	J	6.7		27.4		15.3	
Lead	0.34	28.5	J	494	J	97.5	J	46.8	J	147	J
Mercury	0.05	0.06	B	72.4	J	0.30		0.20		0.61	
Silver	0.2	0.57	B	6.4	J	0.32	B	0.55	B	1.9	B

Total Metals	Method Detection Limit	Soil SS26 238550		Soil SS3 238540		Soil SS4 238542		Soil SS5 238546		Soil SS6 238548	
Percent Solids		76.4		91.0		91.2		75.6		75.5	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	285		0.27	B	0.59	B	43.2		271	
Chromium	0.12	35.1		11.3		15.3		162		23.8	
Lead	0.34	57300	J	8.2	J	30.8	J	6820	J	66600	J
Mercury	0.05	U		U		0.06	B	0.58		U	
Silver	0.2	50.6		0.24	B	0.41	B	16.0		38.4	

Inorganic Qualifiers

U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site

START PM: Kathy Campbell

Sampling Date: June 27, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil SS7 238552		Soil SS8 238554		Soil SS9 238556		Soil S1 238535		Soil S10 238557	
Percent Solids		80.0		88.3		88.6		98.6		43.1	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	2.0		1.3		0.71	B	1.3		2.8	J
Chromium	0.12	31.9		6.9		11.2		15.0		52.6	J
Lead	0.34	44.2	J	37.0	J	81.2	J	66.2	J	546	J
Mercury	0.05	0.11	B	0.17		0.48		0.09	B	1.1	J
Silver	0.2	0.92	B	0.46	B	0.68	B	0.73	B	13.2	J

Total Metals	Method Detection Limit	Soil S11 238559		Soil S12 238561		Soil S2 238537		Soil S26 238549		Soil S3 238539	
Percent Solids		95.5		93.1		91.6		85.4		94.4	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	1.1		2.7		2.3		62.7		0.37	B
Chromium	0.12	24.3		32.8		17.6		24.3		8.0	
Lead	0.34	297	J	127	J	97.5	J	22500	J	29.7	J
Mercury	0.05	0.17		0.22		0.23		0.44		0.07	B
Silver	0.2	0.41	B	3.0		1.6	B	41.0		0.46	B

Inorganic Qualifiers

U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site

START PM: Kathy Campbell

Sampling Date: June 27, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil S4 238541	Soil S5 238545	Soil S6 238547	Soil S7 238551	Soil S8 238553
Percent Solids		92.5	88.9	87.0	77.5	89.4
Dilution Factor		1	1	1	1	1
Cadmium	0.1	1.2	51.4	152	6.2	4.2
Chromium	0.12	13.3	131	18.7	27.3	32.3
Lead	0.34	105 J	1770 J	21800 J	169 J	543 J
Mercury	0.05	0.11	2.5	0.46	0.37	0.51
Silver	0.2	0.79 B	36.4	24.7	6.2	11.8

Total Metals	Method Detection Limit	Soil S9 238555				
Percent Solids		85.8				
Dilution Factor		1				
Cadmium	0.1	5.0				
Chromium	0.12	40.4				
Lead	0.34	387 J				
Mercury	0.05	2.7				
Silver	0.2	6.4				

SAMPLE #/CONCENTRATION (ug/L)

Total Metals	Method Detection Limit	WATER RIN1B 238544				
Percent Solids		-				
Dilution Factor		1				
Cadmium	0.5	U				
Chromium	0.6	1.6 B				
Lead	1.7	4.4				
Mercury	0.1	U				
Silver	1.0	U				

Inorganic Qualifiers

U - non-detected compound

J - estimated value

B - between the instrument detection limit (IDL) and the method detection limit (MDL)

R - rejected compound

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site

START PM: Kathy Campbell

Sampling Date: June 29, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil SS13 238910		Soil SS14 238912		Soil SS15 238914		Soil SS16 238916		Soil SS17 238918	
Percent Solids		96.5		90.3		90.3		88.8		90.4	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	1.3	J	0.63	B	1.2	J	2.0	J	0.24	B
Chromium	0.12	13.5	J	14.8	J	10.5	J	45.1	J	36.1	J
Lead	0.34	1740		95.6		157		395		233	
Mercury	0.05	0.42		0.22		0.36		0.38		0.19	
Silver	0.2	1.3	B	U		0.92	B	0.75	B	0.42	B

Total Metals	Method Detection Limit	Soil SS18 238920		Soil SS19 238922		Soil SS20 238924		Soil SS21 238926		Soil SS22 238928	
Percent Solids		89.6		87.4		92.5		76.6		92.7	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	0.20	B	1.8	J	19.9	J	373	J	13.1	J
Chromium	0.12	13.2	J	30.0	J	71.2	J	39.2	J	68.3	J
Lead	0.34	338		353		369		7460		478	
Mercury	0.05	0.54		7.8		1.7		2.5		24.3	
Silver	0.2	U		1.2	B	7.2		148		20.5	

Inorganic Qualifiers

U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site

START PM: Kathy Campbell

Sampling Date: June 29, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil SS28 238932		Soil S13 238909		Soil S14 238911		Soil S15 238913		Soil S16 238915	
Percent Solids		91.2		95.5		96.7		96.5		96.6	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	0.30	B	2.0	J	1.8	J	2.7	J	1.8	J
Chromium	0.12	13.4	J	25.6	J	20.3	J	20.5	J	83.2	J
Lead	0.34	226		87.2		268		140		55.2	
Mercury	0.05	0.25		0.16		0.18		0.20		0.12	
Silver	0.2	0.42	B	0.80	B	0.65	B	1.4	B	0.79	B

Total Metals	Method Detection Limit	Soil S17 238917		Soil S18 238919		Soil S19 238921		Soil S20 238923		Soil S21 238925	
Percent Solids		94.5		89.8		97.0		96.7		95.9	
Dilution Factor		1		1		1		1		1	
Cadmium	0.1	1.9	J	0.94	B	2.7	J	2.3	J	19.3	J
Chromium	0.12	18.5	J	17.5	J	40.9	J	31.0	J	18.3	J
Lead	0.34	144		210		236		150		340	
Mercury	0.05	0.20		0.59		1.2		0.09	B	0.26	
Silver	0.2	1.4	B	0.45	B	1.4	B	6.9		8.1	

Inorganic Qualifiers

U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

OTHER ANALYTES WORK TABLE

Project: Cornell - Dubilier Electronics Site

START PM: Kathy Campbell

Sampling Date: June 29, 1996

SAMPLE #/CONCENTRATION (mg/Kg)

Total Metals	Method Detection Limit	Soil S22 238927		Soil S28 238931				
Percent Solids		95.5		96.9				
Dilution Factor		1		1				
Cadmium	0.1	2.7	J	2.0	J			
Chromium	0.12	22.7	J	17.0	J			
Lead	0.34	87.4		111				
Mercury	0.05	0.13		0.17				
Silver	0.2	3.7		1.3	B			

SAMPLE #/CONCENTRATION (ug/L)

Total Metals	Method Detection Limit	WATER RIN2 238929				
Percent Solids		-				
Dilution Factor		1				
Cadmium	0.5	U				
Chromium	0.6	U				
Lead	1.7	U				
Mercury	0.1	U				
Silver	1.0	U				

Inorganic Qualifiers

U - non-detected compound
J - estimated value
B - between the instrument detection limit (IDL) and the method detection limit (MDL)
R - rejected compound

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RIN1B

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): WATER Lab Sample ID: 238544

Level (low/med): LOW__ Date Received: 06/28/96

% 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				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	4.4		*	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS1

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238536

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _91.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.87	B		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	13.9	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	28.5	_	E	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.06	B		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.57	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
_____	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES,_ROOTS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS10

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238558

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: 37.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	4.6		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	56.5		J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	494		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	72.4		J	CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	6.4		J	P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: ROOTS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS11

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238560

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _89.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.62	B		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	6.7	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	97.5	_	E	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.30	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.32	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS12

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238562

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _83.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	~~8.0~~ 0.8	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	27.4			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	46.8		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.20			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.55	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS2

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238538

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _88.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	3.6	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	15.3	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	147	_	E	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.61	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	1.9	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR
			_		

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES,_STICKS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS26

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238550

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _76.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	285			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	35.1			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	57300		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.07	U		CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	50.6			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS3

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238540

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _91.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.27	B		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	11.3	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	8.2	_	E J	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.05	U		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.24	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS4

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238542

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _91.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.59	B		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	15.3	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	30.8	_	E J	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.06	B		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.41	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR
			_		

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS5

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238546

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _75.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	43.2			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	162			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	6820		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.58			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	16.0			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: __STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS6

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238548

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _75.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	271	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	23.8	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	66600	_	E J	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.07	U		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	38.4	_		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES,_PAPER

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS7

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238552

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _80.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	2.0	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	31.9	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	44.2	_	E J	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.11	B		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.92	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: COARSE

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: __STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS8

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238554

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: 88.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.3			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	6.9			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	37.0		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.17			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.46	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S1

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238535

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _98.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	1.3	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	15.0	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	66.2	_	E J	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.09	B		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.73	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR
			_		

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: __STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S10

ab Name: ICM_LABS Contract: _____

ab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

atrix (soil/water): SOIL_ Lab Sample ID: 238557

evel (low/med): LOW__ Date Received: 06/28/96

Solids: 43.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.8		J	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	52.6		J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	546		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.1		J	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	13.2		J	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

olor Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

olor After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

omments:
ARTIFACTS: ROOTS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S11

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238559

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _95.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.1			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	24.3			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	297		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.17			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	0.41	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__ROOTS,_STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S12

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238561

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _93.1

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.7			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	32.8			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	127		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.22			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	3.0			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S2

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238537

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _91.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.3			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	17.6			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	97.5		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.23			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	1.6	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: __STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S26

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238549

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _85.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	62.7			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	24.3			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	22500		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.44			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	41.0			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S3

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238539

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _94.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	0.37	B		P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	8.0			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	29.7		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.07	B		CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	0.46	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES,_STICKS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S4

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238541

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _92.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	1.2	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	13.3	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	105	_	E	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.11	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.79	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
_____	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES,_STICKS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S5

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238545

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _88.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	51.4	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	131	_		P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	1770	_	E J	P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	2.5	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	36.4	_		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: GREY_____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES,_STICKS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S6

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238547

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	152			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	18.7			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	21800		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.46			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	24.7			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES,_PAPER

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S7

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM Case No.: _____ SAS No.: _____ SDG No.: RIN1B

Matrix (soil/water): SOIL Lab Sample ID: 238551

Level (low/med): LOW Date Received: 06/28/96

% Solids: 77.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	6.2			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	27.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	169		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.37			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	6.2			P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: FINE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments:
ARTIFACTS: ROOTS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S8

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238553

Level (low/med): LOW__ Date Received: 06/28/96

% 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				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	4.2			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	32.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	543		E J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.51			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	11.8			P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S9

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN1B_

Matrix (soil/water): SOIL_ Lab Sample ID: 238555

Level (low/med): LOW__ Date Received: 06/28/96

% Solids: _85.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	5.0			P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	40.4			P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	387		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	2.7			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	6.4			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES, STICKS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

RIN2

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM Case No.: _____ SAS No.: _____ SDG No.: RIN2

Matrix (soil/water): WATER Lab Sample ID: 238929

Level (low/med): LOW Date Received: 07/01/96

% 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				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	0.60	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1.7	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS13

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238910

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _96.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	1.3	_	J	P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	13.5	_	E* J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	1740	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.42	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	1.3	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
_____	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS14

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238912

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _90.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.63	B		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	14.8	_	E* J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	95.6	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.22	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.22	U		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: __STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS15

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238914

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _90.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.2		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	10.5		E* J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	157			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.36			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	0.92	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS16

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238916

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _88.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.0		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	45.1		E* J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	395			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.38			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	0.75	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
_____	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS17

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238918

Level (low/med): LOW__ Date Received: 07/01/96

% 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				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.24	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	36.1		E*J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	233			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.19			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.42	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS18

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238920

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _89.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.20	B		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	13.2	_	E*J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	338	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.54	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.22	U		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS19

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238922

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _87.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.8		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	30.0		E* J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	353			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	7.8			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	1.2	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS20

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238924

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _92.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	19.9		J	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	71.2		E* J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	369			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.7			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	7.2			P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS21

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238926

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _76.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	373		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	39.2		E* J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	7460			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	2.5			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	148			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: __STONES Pb [illegible]

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS22

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238928

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _92.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	13.1		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	68.3		E* J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	478			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	24.3			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	20.5			P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS28

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238932

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _91.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.30	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	13.4		E*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	226			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.25			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.42	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S13

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238909

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _95.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	2.0	_	J	P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	25.6	_	E* J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	87.2	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.16	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.80	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S14

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238911

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _96.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.8		J	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	20.3		E* J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	268			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.18			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.65	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S15

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238913

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _96.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	2.7	_		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	20.5	_	E*	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	140	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.20	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	1.4	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S16

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238915

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _96.6

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium__				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	1.8		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	83.2		E* J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	55.2			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	0.12			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	0.79	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: __STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S17

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238917

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _94.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.9		J	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	18.5		E* J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	144			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.20			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	1.4	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S18

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238919

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _89.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	0.94	B		P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	17.5	_	E* J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	210	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.59	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	0.45	B		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:

ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S19

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238921

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _97.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__	2.7		J	P
7440-70-2	Calcium__				NR
7440-47-3	Chromium_	40.9		E*J	P
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____	236			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__	1.2			CV
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___	1.4	B		P
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S20

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238923

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _96.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.3		J	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	31.0		E* J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	150			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.09	B		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	6.9			P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: FINE__

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S21

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238925

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _95.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium__		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__	19.3	_	J	P
7440-70-2	Calcium__		_		NR
7440-47-3	Chromium_	18.3	_	E*J	P
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron____		_		NR
7439-92-1	Lead____	340	_		P
7439-95-4	Magnesium		_		NR
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__	0.26	_		CV
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium		_		NR
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___	8.1	_		P
7440-23-5	Sodium___		_		NR
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc____		_		NR
	Cyanide__		_		NR

Color Before: BLACK____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS:__STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S22

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM___ Case No.: _____ SAS No.: _____ SDG No.: RIN2__

Matrix (soil/water): SOIL_ Lab Sample ID: 238927

Level (low/med): LOW__ Date Received: 07/01/96

% Solids: _95.5

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.7		J	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	22.7		E* J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	87.4			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.13			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	3.7			P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: MED___

Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: YES___

Comments:
ARTIFACTS: STONES

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S28

Lab Name: ICM_LABS Contract: _____

Lab Code: ICM Case No.: _____ SAS No.: _____ SDG No.: RIN2

Matrix (soil/water): SOIL Lab Sample ID: 238931

Level (low/med): LOW Date Received: 07/01/96

% Solids: 96.9

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.0		J	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	17.0		E* J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	111			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.17			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	1.3	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture: FINE

Color After: YELLOW Clarity After: CLEAR Artifacts: YES

Comments:

ARTIFACTS: STONES

FORM I - IN ILM04.0

INDUSTRIAL CORROSION MANAGEMENT, INC.
1152 Route 10
Randolph, NJ 07869
201-584-0330, FAX: 201-584-0515
JULY 10, 1996

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

LABORATORY ANALYSIS
All results are reported in mg/kg (ppm) dry weight basis unless otherwise stated.

Lab Number: 238563
Client: ROY F. WESTON, INC.
Sample Source: RFP-1416
Sample ID: SED4
Sample matrix: SOIL
Sample date: 06/27/96
Sampled by: Customer
At lab date: 06/28/96
% Moisture: 54.54%

PARAMETER	DILUTION FACTOR	RESULT	METHOD BLANK	MINIMUM DETECTION LIMIT	ANALYSIS DATE
TOC	1	840 J	U	170	07/03/96

< = Less than
> = Greater than
U= Not detected, NA= Not applicable.

INDUSTRIAL CORROSION MANAGEMENT, INC.
Richard Levine, President

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ROB

TECTONIC

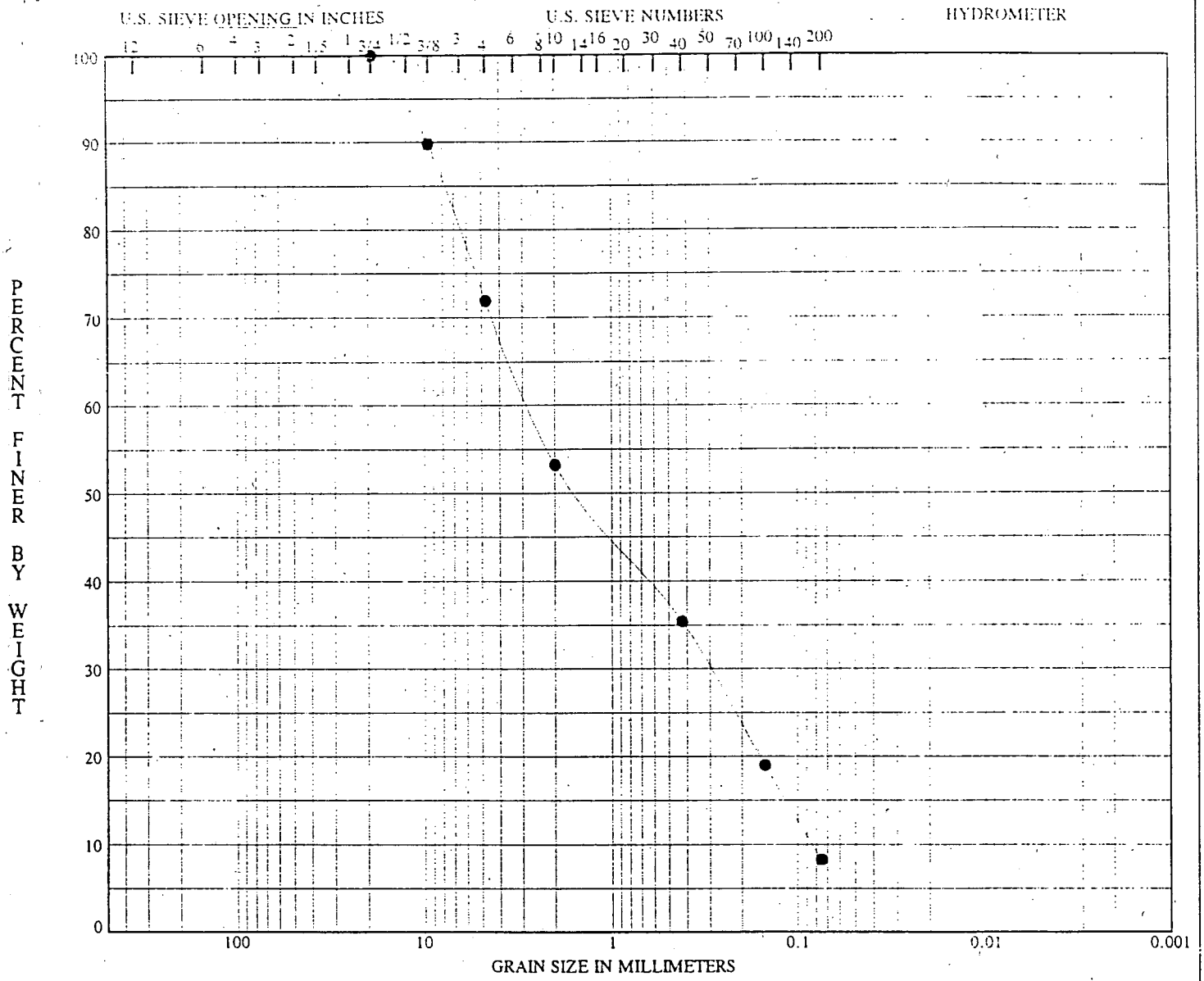
ENGINEERING CONSULTANTS P.C.

PROJECT: ICM Labs, INC.

LOCATION: Randolf N.J.

GRAIN SIZE ANALYSIS

SOURCE: WA 2513



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

	Specimen Identification		Classification	MC%	LL	PL	PI	Cc	Cu
●	238563	SED 4	Blk Organic c-f SAND, some f Gravel, trace Silt	56				0.40	32.7

	Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
●	238563	SED 4	19.00	2.74	0.302	0.0837	28.1	63.6	8.3	

1416

PO No.: 65626

The Laboratory should send verbal and written results to the attention of Smita Sumbaly, START Analytical Coordinator

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Name of Unit and Address: WESTON MANAGERS DESIGNERS/CONSULTANTS Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703 Phone: 908-225-6116 Fax: 908-225-7037

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box 6 #)	Sample Conc. L/M/H	Sample Type C/G	Sample Preservat'n (Enter # from box 7)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	TFB	OTHER
S1	6/27/96 0950	5	L/m	G	6				X	X		238535				Ca Cr Pb Hg Ag ms/msd
SS1	6/27/96 1000	5	L/m	G	6				X	X		238536				Ca Cr Pb Hg Ag ms/msd
S2	6/27/96 1010	5	L/m	G	6				X	X		238537				Ca Cr Pb Hg Ag
SS2	6/27/96 1020	5	L/m	G	6				X	X		238538				Ca Cr Pb Hg Ag
S3	6/27/96 1030	5	L/m	G	6				X	X		238539				Ca Cr Pb Hg Ag
SS3	6/27/96 1040	5	L/m	G	6				X	X		238540				Ca Cr Pb Hg Ag
S4	6/27/96 1045	5	L/m	G	6				X	X		238541				Ca Cr Pb Hg
SS4	6/27/96 1055	5	L/m	G	6				X	X		238542				Ca Cr Pb Hg Ag
CDE Rin 1	6/27/96 1145	4	L	G	6				X			238543				TCL PCB
CDE Rin 1	6/27/96 1145	4	L	C	26					X		238544				Ca Cr, Pb Hg Ag
S5	6/27/96 1335	5	L/m	G	6				X	X		238545				Ca Cr Pb Hg Ag
SS5	6/27/96 1340	5	L/m	G	6				X	X		238546				Ca, Cr, Pb, Hg Ag
S6	6/27/96 1350	5	L/m	G	6				X	X		238547				Ca Cr Pb Hg Ag

Person Assuming Responsibility for Sample: Jennifer Leahy — Time: 1700 — Date (MM/DD/YY): 6/27/96

Sample Number	Relinquished By:	Time	Date MM/DD/YY	Received By:	Reason for Change of Custody
All	Jennifer Leahy	1730	6/27/96	Swamy S. Tetha	Deliver to Lab
ALL	Swamy S. Tetha	1032	6/28/96	Denise G. Kelly	RECEIPT AT LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management.

1416

PO No.: 55625

CHAIN OF CUSTODY RECORD

The Laboratory should send verbal and written results to the attention of Smita Sumbaly, START Analytical Coordinator

Matrix Box No. 6:	Preservative Box No. 7:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Name of Unit and Address: WESTON MANAGERS DESIGNERS/CONSULTANTS Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703 Phone: 908-225-6116 Fax: 908-225-7037

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box 6 #)	Sample Conc. L/M/H	Sample Type C / G	Sample Preservative (Enter # from box 7)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	TPS	OTHER
SS6	6/27/96 1400	5	L/m	G	6				X	X		238548				Cd, CR, Pb, Hg Ag
S26	6/27/96 1350	5	L/m	G	6				X	X		238549				Cd CR, Pb Hg Ag
SS26	6/27/96 1400	5	L/m	G	6				X	X		238550				Cd CR, Pb, Hg Ag
S7	6/27/96 1415	5	L/m	G	6				X	X		238551				Cd CR Pb Hg Ag
SS7	6/27/96 1425	5	L/m	G	6				X	X		238552				Cd Cr, Pb Hg Ag
SED 4	6/27/96 1520	5	L/m	G	6				X	X						Cd Cr Pb Hg Ag
S8	6/27/96 1525	5	L/m	G	6				X	X		238553				Cd Cr Pb Hg Ag
SS8	6/27/96 1530	5	L/m	G	6				X	X		238554				Cd Cr Pb Hg Ag
S9	6/27/96 1535	5	L/m	G	6				X	X		238555				Cd Cr Pb Hg Ag
SS9	6/27/96 1540	5	L/m	G	6				X	X		238556				Cd Cr Pb Hg Ag
S10	6/27/96 1545	5	L/m	G	6				X	X		238557				Cd Cr Pb Hg Ag
SS10	6/27/96 1550	5	L/m	G	6				X	X		238558				Cd Cr Pb Hg Ag
S11	6/27/96 1600	5	L/m	G	6				X	X		238559				Cd Cr, Pb Hg Ag

Person Assuming Responsibility for Sample: Jennifer Leahy — Time: 1700 — Date (MM/DD/YY): 6/27/96

Sample Number	Relinquished By:	Time	Date MM/DD/YY	Received By:	Reason for Change of Custody
All	Jennifer Leahy	1730	6/27/96	Suzanne S. Kelly	Deliver to Lab.
All	Suzanne S. Kelly	1650	6/28/96	Denise G. Kelly	RECEIPT AT LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management

27°C

1416

PO No.: 65625

The Laboratory should send verbal and written results to the attention of Smita Sumbaly, START Analytical Coordinator

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Name of Unit and Address: WESTON MANAGERS DESIGNERS/CONSULTANTS Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703 Phone: 908-225-6116 Fax: 908-225-7037

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter #s from box 6 #)	Sample Conc. L/M/H	Sample Type C / G	Sample Preservat'n (Enter #s from box 7)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL X	CN	RCRA ANALYSIS IGN	COR	REAC	IGN	OTHER
SS11	6/27/96 1610	5	L/M	G	6				X	X		238560				Cd Cr Pb Hg As
S12	6/27/96 1700	5	L/M	G	6				X	X		238561				Cd Cr Pb Hg As
SS12	6/27/96 1710	5	L/M	G	6				X	X		238562				Cd Cr Pb Hg Ag
SED4	6/27/96 1520	5	L/M	G	6							238563				TOC, Grain size

Person Assuming Responsibility for Sample: Jennifer Kelly — Time: 1720 — Date (MM/DD/YY): 6/27/96

Sample Number	Relinquished By:	Time	Date MM/DD/YY	Received By:	Reason for Change of Custody
All	Kelly	1730	6/27/96	Swamy S. Kotha	Deliver to Lab.
All	Swamy S. Kotha	050	6/28/96	Diane G. Kellen	RECEIPT AT LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management

2.7°C

1416

O No.:

The Laboratory should send verbal and written results to the attention of Smita Sumbaly, START Analytical Coordinator

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Name of Unit and Address: WESTON MANAGERS DESIGNERS CONSULTANTS Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703, Phone: 908-225-6116 Fax: 908-225-7037

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box 6 #)	Sample Conc. L/M/H	Sample Type C / G	Sample Preservat'n (Enter #s from box 7)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	TPH	OTHER *	
S-13	06/29/96 0835	5	L/H	G	6				X	X		238909				Cd Cr Ag Hg Pb	
SS-13	06/29/96 0915	5	L/H	G	6				X	X		238910				Cd Cr Ag Hg Pb	
S-14	06/29/96 0835	5	L/H	G	6				X	X		238911				Cd Cr Ag Hg Pb	
SS-14	06/29/96 0855	5	L/H	G	6				X	X		238912				Cd Cr Ag Hg Pb	
S-15	06/29/96 0935	5	L/H	G	6				X	X		238913				Cd Cr Ag Hg Pb HS/HSD	
SS-15	06/29/96 1000	5	L/H	G	6				X	X		238914				Cd Cr Ag Hg Pb HS/HSD	
S-16	06/29/96 0855	5	L/H	G	6				X	X		238915				Cd Cr Ag Hg Pb	
SS-16	06/29/96 0915	5	L/H	G	6				X	X		238916				Cd Cr Ag Hg Pb	
S-17	06/29/96 1400	5	L/H	G	6				X	X		238917				Cd Cr Ag Hg Pb	
SS-17	06/29/96 1420	5	L/H	G	6				X	X		238918				Cd Cr Ag Hg Pb	
S-18	06/29/96 1355	5	L/H	G	6				X	X		238919				Cd Cr Ag Hg Pb	
SS-18	06/29/96 1415	5	L/H	G	6				X	X		238920				Cd Cr Ag Hg Pb	
S-19	06/29/96 1145	5	L/H	G	6				X	X		238921				Cd Cr Ag Hg Pb	

Person Assuming Responsibility for Sample: Christoph Stannik — Time: 1545 — Date (MM/DD/YY): 6/29/96

Sample Number	Relinquished By:	Time	Date (MM/DD/YY)	Received By:	Reason for Change of Custody
All	Christoph Stannik	1005	7/1/96	Denise E. Keller	RECEIPT AT LAB
Sample Number	Relinquished By:	Time	Date (MM/DD/YY)	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date (MM/DD/YY)	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

O No.:

The Laboratory should send verbal and written results to the attention of Smita Sumbaly, START Analytical Coordinator

1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	

Name of Unit and Address: WESTON MANAGERS DESIGNERS/CONSULTANTS Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703 Phone: 908-225-6116 Fax: 908-225-7037

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box 6 #)	Sample Conc. L/M/H	Sample Type C / G	Sample Preservat'n (Enter #s from box 7)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	TPH	OTHER *
SS-19	06/29/96 1210	5	L/M	G	6				X	X		238922				Cd Cr Ag Hg Pb
S-20	06/29/96 1445	5	L/M	G	6				X	X		238923				Cd Cr Ag Hg Pb
SS-20	06/29/96 1500	5	L/M	G	6				X	X		238924				Cd Cr Ag Hg Pb
S-21	06/29/96 1035	5	L/M	G	6				X	X		238925				Cd Cr Ag Hg Pb
SS-21	06/29/96 1100	5	L/M	G	6				X	X		238926				Cd Cr Ag Hg Pb
S-22	06/29/96 1045	5	L/M	G	6				X	X		238927				Cd Cr Ag Hg Pb
SS-22	06/29/96 1140	5	L/M	G	6				X	X		238928				Cd Cr Ag Hg Pb
CDE-RINS2	06/29/96 1235	4	L	C	6 2					X		238929				Cd Cr Ag Hg Pb
CDE-RINS2	06/29/96 1240	4	L	C	6				X			238930				TCL PCBs
S-28	06/29/96 1400	5	M	G	6				X	X		238931				Cd Cr Ag Hg Pb
SS-28	06/29/96 1420	5	L/M	G	6				X	X		238932				Cd Cr Ag Hg Pb

Person Assuming Responsibility for Sample: Christopher Stannik — Time: 1545 — Date (MM/DD/YY): 06/29/96

Sample Number	Relinquished By:	Time	Date (MM/DD/YY)	Received By:	Reason for Change of Custody
All	Christopher Stannik	1005	7/1/96	Denise G. Killer	RECEIPT AT LAB
Sample Number	Relinquished By:	Time	Date (MM/DD/YY)	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date (MM/DD/YY)	Received By:	Reason for Change of Custody