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**U.S. Army Corps  
of Engineers**

New England District  
Concord, Massachusetts

**SOIL AND SEDIMENT REMEDIATION  
OPEN BURNING GROUNDS  
SENECA ARMY DEPOT  
ROMULUS, NEW YORK**

**Contract No. DACW33-95-D-0004  
Task Order No. 0013**

**ADDENDUM NO. 1  
to  
COMPLETION REPORT (June 2005)**

**DCN: SEDA-110906-ABFU**

**November 2006**



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**ATTACHMENT A**

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue  
ncaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORE1-BO1-0				
<b>Lab Order:</b>	9908165	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/17/99 5:08:00 PM				
<b>Lab ID:</b>	9908165-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	2.59

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## METALS (JY) BY ICP METHOD 6010B

### 1\_6010B\_JY\_S

Lead	23.6	J	10.5	mg/Kg-dry	1	8/23/99 6:02:45 PM	OPTIMA_990823A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: '86

Phone: (716) 685-0080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-BO1-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 4:30:00 PM				
<b>Lab ID:</b>	9908179-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	2.48

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B 1\_6010B\_JY\_S

Lead	21.6	J <sup>1.3</sup>	16.0	mg/Kg-dry	1	8/25/99 5:37:10 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Catskill, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-B08-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 4:45:00 PM				
<b>Lab ID:</b>	9908179-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.04

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**  
**1\_6010B\_JY\_S**

Lead	22.0	J <sup>1,3</sup>	21.3	mg/Kg-dry	1	8/25/99 6:06:48 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-0

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-S09-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 5:12:00 PM				
<b>Lab ID:</b>	9908179-21A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	1.15

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

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Lead	58.6	J1.3	14.9	mg/Kg-dry	1	8/25/99 8:01:02 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A1P-S04-0				
<b>Lab Order:</b>	9908043	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/4/99 5:15:00 AM				
<b>Lab ID:</b>	9908043-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.75

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	54.1		21.2	mg/Kg-dry	1	8/10/99 1:13:36 PM	JY_990810B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- )

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0B1P-S02-0				
<b>Lab Order:</b>	9908043	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/4/99 5:20:00 AM				
<b>Lab ID:</b>	9908043-10A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.90

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

Lead	20.5		12.4	mg/Kg-dry	1	8/10/99 1:57:59 PM	JY_990810B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0B1P-S03-0				
<b>Lab Order:</b>	9908043	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/4/99 5:24:00 AM				
<b>Lab ID:</b>	9908043-11A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	18.60

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	59.7		13.7	mg/Kg-dry	1	8/10/99 2:03:32 PM	JY_990810B	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10

Phone: (716) 685-8666

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-OJIP-B08-0				
Lab Order:	9908139	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	8/12/99 1:55:00 AM				
Lab ID:	9908139-10A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	4.16

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	47.0	J	17.1	mg/Kg-dry	1	8/16/99 6:32:03 PM	JY_990816B	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4000 Walden Avenue

Lawrence, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-S16-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 5:27:00 PM				
<b>Lab ID:</b>	9908179-28A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	2.78

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	47.8	J.3	14.9	mg/Kg-dry	1	8/25/99 8:40:38 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 16

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0B1P-S05-0				
<b>Lab Order:</b>	9908043	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/4/99 5:30:00 AM				
<b>Lab ID:</b>	9908043-13A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	8.85

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	21.0		12.3	mg/Kg-dry	1	8/10/99 2:14:37 PM	JY_990810B	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORE1-SO5-0				
<b>Lab Order:</b>	9908165	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/17/99 5:12:00 PM				
<b>Lab ID:</b>	9908165-15A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	2.02

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**  
**1\_6010B\_JY\_S**

Lead	ND	J	13.0	mg/Kg-dry	1	8/23/99 6:54:18 PM	OPTIMA_990823A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 1486  
Phone: (716) 685-0080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORE1-BO2-0				
<b>Lab Order:</b>	9908165	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/17/99 4:59:00 PM				
<b>Lab ID:</b>	9908165-10A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	7.83

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	20.7		17.5	mg/Kg-dry	1	8/23/99 6:09:02 PM	OPTIMA_990823A	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORB1-SO1-0				
<b>Lab Order:</b>	9908165	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/17/99 4:55:00 PM				
<b>Lab ID:</b>	9908165-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.58

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

1\_6010B\_JY\_S

Lead	29.3	J	10.9	mg/Kg-dry	1	8/23/99 5:41:45 PM	OPTIMA_990823A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-S15-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 5:24:00 PM				
<b>Lab ID:</b>	9908179-27A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	2.48

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**  
**1\_6010B\_JY\_S**

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Lead	21.9	J <sup>1.3</sup>	15.4	mg/Kg-dry	1	8/25/99 8:37:13 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

4400 Walden Avenue

L. Luster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-B06-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 4:42:00 PM				
<b>Lab ID:</b>	9908179-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	2.30

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	26.7	J <sup>1,3</sup>	14.5	mg/Kg-dry	1	8/25/99 5:56:40 AM	OPTIMA_990824D	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-4

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-B03-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 4:34:00 PM				
<b>Lab ID:</b>	9908179-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.09

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

Lead	83.8	J <sup>1.3</sup>	14.4	mg/Kg-dry	1	8/25/99 5:46:53 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev



# Ecology and Environment, Inc.

Analytical Services Center

3 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-B02-0				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 4:31:00 PM				
<b>Lab ID:</b>	9908179-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.37

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

Lead	27.6	J <sup>1,3</sup>	11.8	mg/Kg-dry	1	8/25/99 5:40:28 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORC1-B02-1				
<b>Lab Order:</b>	9908179	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/18/99 4:31:00 PM				
<b>Lab ID:</b>	9908179-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.82

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**  
**1\_6010B\_JY\_S**

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Lead	38.0	J <sup>1,3</sup>	14.0	mg/Kg-dry	1	8/25/99 5:43:40 AM	OPTIMA_990824D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-ORD1-S06-0  
**Lab Order:** 9908190 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 8/19/99 2:56:00 PM  
**Lab ID:** 9908190-09A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 8.90

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	29.6	J <sup>1.3</sup>	18.0	mg/Kg-dry	1	8/25/99 10:19:25 AM	OPTIMA_990824F	SHT

**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1000

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORD1-S03-0				
<b>Lab Order:</b>	9908190	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/19/99 2:47:00 PM				
<b>Lab ID:</b>	9908190-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.08

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

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Lead	19.0	J <sub>13</sub>	12.4	mg/Kg-dry	1	8/25/99 10:03:03 AM	OPTIMA_990824F	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

403 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORD1-S01-0				
<b>Lab Order:</b>	9908190	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/19/99 2:42:00 PM				
<b>Lab ID:</b>	9908190-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.60

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	20.3	J <sup>1</sup>	13.9	mg/Kg-dry	1	8/25/99 9:56:26 AM	OPTIMA_990824F	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 0486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORG1-S05-0				
<b>Lab Order:</b>	9908191	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/20/99 8:55:00 AM				
<b>Lab ID:</b>	9908191-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	17.60

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B 1\_6010B\_JY\_S

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Lead	ND		24.3	mg/Kg-dry	1	8/25/99 2:15:49 PM	OPTIMA_990825A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Catskill, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORG1-S04-0				
<b>Lab Order:</b>	9908191	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/20/99 8:53:00 AM				
<b>Lab ID:</b>	9908191-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.90

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B 1\_6010B\_JY\_S

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Lead	ND		18.2	mg/Kg-dry	1	8/25/99 2:11:55 PM	OPTIMA_990825A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev

058

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 682-0800

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORG1-S03-0				
<b>Lab Order:</b>	9908191	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/20/99 8:50:00 AM				
<b>Lab ID:</b>	9908191-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	25.30

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		16.5	mg/Kg-dry	1	8/25/99 2:08:01 PM	OPTIMA_990825A	TS

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev

057



# Ecology and Environment, Inc.

## Analytical Services Center

4403 Walden Avenue  
Rochester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORG1-S02-0				
<b>Lab Order:</b>	9908191	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/20/99 8:48:00 AM				
<b>Lab ID:</b>	9908191-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	12.30

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**  
**1\_6010B\_JY\_S**

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Lead	ND		15.7	mg/Kg-dry	1	8/25/99 2:04:47 PM	OPTIMA_990825A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 12186

Phone: (716) 685-5880

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORG1-BO2-0				
<b>Lab Order:</b>	9908191	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/20/99 8:45:00 AM				
<b>Lab ID:</b>	9908191-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	21.60

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## METALS (JY) BY ICP METHOD 6010B

1\_6010B\_JY\_S

Lead	38.3		14.3	mg/Kg-dry	1	8/25/99 1:57:54 PM	OPTIMA_990825A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev

054

# Ecology and Environment, Inc.

## Analytical Services Center

4403 Walden Avenue

Littleton, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-ORG1-B01-10  
**Lab Order:** 9908191 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 8/20/99 8:35:00 AM  
**Lab ID:** 9908191-01A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 16.40

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND		15.0	mg/Kg-dry	1	8/25/99 1:54:26 PM	OPTIMA_990825A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OHIP-BO1-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 4:40:00 PM				
<b>Lab ID:</b>	9908251-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.19

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	19.2		14.2	mg/Kg-dry	1	8/31/99 5:34:48 PM	OPTIMA_990831C	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

# Laboratory Results

Analytical Services Center

44 Walden Avenue

Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OHIP-B01-1				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 4:40:00 PM				
<b>Lab ID:</b>	9908251-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.44

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	14.1		14.1	mg/Kg-dry	1	8/31/99 5:37:49 PM	OPTIMA_990831C	SHT

**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matirx Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
II - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OHIP-B02-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 4:42:00 PM				
<b>Lab ID:</b>	9908251-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	4.86

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		17.5	mg/Kg-dry	1	8/31/99 5:40:49 PM	OPTIMA_990831C	SHT

**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

440 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OHIP-S01-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 4:44:00 PM				
<b>Lab ID:</b>	9908251-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## METALS (JY) BY ICP METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		12.7	mg/Kg-dry	1	8/31/99 5:43:50 PM	OPTIMA_990831C	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OHIP-S02-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 4:46:00 PM				
<b>Lab ID:</b>	9908251-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.87

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	49.3		11.2	mg/Kg-dry	1	8/31/99 5:46:52 PM	OPTIMA_990831C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev



# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OHIP-S04-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 4:50:00 PM				
<b>Lab ID:</b>	9908251-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.16

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	14.3		11.7	mg/Kg-dry	1	8/31/99 5:52:58 PM	OPTIMA_990831C	SHT

**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OHIP-S05-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 4:52:00 PM				
<b>Lab ID:</b>	9908251-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	4.94

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	40.5		15.2	mg/Kg-dry	1	8/31/99 6:02:34 PM	OPTIMA_990831C	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4497 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-OHIP-S07-0  
**Lab Order:** 9908251 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 8/25/99 4:56:00 PM  
**Lab ID:** 9908251-10A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 18.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

1\_6010B\_JY\_S

Lead	23.7		15.1	mg/Kg-dry	1	8/31/99 6:08:43 PM	OPTIMA_990831C	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- )

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OAIP-S07-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 5:25:00 PM				
<b>Lab ID:</b>	9908251-23A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	9.62

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

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Lead	ND		22.1	mg/Kg-dry	1	8/31/99 7:17:24 PM	OPTIMA_990831C	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

44' Valden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OAIP-S06-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 5:20:00 PM				
<b>Lab ID:</b>	9908251-22A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	18.4		14.3	mg/Kg-dry	1	8/31/99 7:07:46 PM	OPTIMA_990831C	SHT

**Definitions:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below Reporting limits  
B - Analyte detected in the associated Method Blank  
H - Value exceeds Maximum Contaminant Level

\* - LCS recovery outside limits  
R - RPD outside recovery limits  
E - Value above quantitation range  
Surr - Denotes Surrogate Compound

M -Matirx Spike recovery outside limits  
Q - Qualifier  
Limit - Reporting Limit

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- )

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OAIP-B04-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>	.				
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 5:14:00 PM				
<b>Lab ID:</b>	9908251-21A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.00

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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METALS (JY) BY ICP METHOD 6010B

1\_6010B\_JY\_S

Lead	21.8		13.5	mg/Kg-dry	1	8/31/99 7:04:40 PM	OPTIMA_990831C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

## Analytical Services Center

4497 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-OAIP-B03-0  
**Lab Order:** 9908251 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 8/25/99 5:12:00 PM  
**Lab ID:** 9908251-20A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 8.91

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	23.3		13.9	mg/Kg-dry	1	8/31/99 6:55:05 PM	OPTIMA_990831C	SHT

---

**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OAIB-S02-0				
<b>Lab Order:</b>	9908251	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/25/99 5:12:00 PM				
<b>Lab ID:</b>	9908251-19A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	4.44

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

Lead	55.1		15.3	mg/Kg-dry	1	8/31/99 6:52:02 PM	OPTIMA_990831C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev



# Ecology and Environment, Inc.

## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0D1P-S06-0				
<b>Lab Order:</b>	9908258	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/27/99 8:31:00 AM				
<b>Lab ID:</b>	9908258-09A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	7.15

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### METALS (JY) BY ICP METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND	J	16.7	mg/Kg-dry	1	8/31/99 10:15:06 AM	OPTIMA_990831A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10186

Phone: (716) 685-0000

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0D1P-S05-0				
<b>Lab Order:</b>	9908258	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/27/99 8:28:00 AM				
<b>Lab ID:</b>	9908258-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.38

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

Lead	16.1	J	13.4	mg/Kg-dry	1	8/31/99 10:12:11 AM	OPTIMA_990831A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev

010

# Ecology and Environment, Inc.

## Analytical Services Center

44 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0D1P-S04-0  
Lab Order: 9908258 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 8/27/99 8:20:00 AM  
Lab ID: 9908258-07A Sample Type: SAMP Matrix: SOIL % Moist: 9.03

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	14.3	J	12.4	mg/Kg-dry	1	8/31/99 10:09:17 AM	OPTIMA_990831A	GEM

**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

# Laboratory Results

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 682-380

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0D1P-S03-0  
**Lab Order:** 9908258 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 8/27/99 8:15:00 AM  
**Lab ID:** 9908258-06A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 8.01

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**METALS (JY) BY ICP METHOD 6010B**

**1\_6010B\_JY\_S**

Lead	ND <sup>J</sup>		13.8	mg/Kg-dry	1	8/31/99 10:06:24 AM	OPTIMA_990831A	GEM
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev

011

# Ecology and Environment, Inc.

## Analytical Services Center

4 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0D1P-S02-0				
<b>Lab Order:</b>	9908258	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/27/99 8:11:00 AM				
<b>Lab ID:</b>	9908258-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	7.20

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	16.6	J	11.5	mg/Kg-dry	1	8/31/99 10:03:31 AM	OPTIMA_990831A	GEM

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 0

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0D1P-S01-0  
Lab Order: 9908258 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 8/27/99 8:05:00 AM  
Lab ID: 9908258-04A Sample Type: SAMP Matrix: SOIL % Moist: 10.30

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND	J	22.3	mg/Kg-dry	1	8/31/99 9:45:16 AM	OPTIMA_990831A	GEM

**Definitions:** ND - Not Detected at the Reporting Limit \* - LCS recovery outside limits M -Matirx Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

## Analytical Services Center

47 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0D1P-B01-0				
<b>Lab Order:</b>	9908258	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/27/99 8:00:00 AM				
<b>Lab ID:</b>	9908258-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.20

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>METALS (JY) BY ICP METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	36.2	J	15.1	mg/Kg-dry	1	8/31/99 9:42:28 AM	OPTIMA_990831A	GEM

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matirx Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc.

Client Sample ID: CE-0G1P-B14-0

Lab Order: 9909017

Alt. Client ID:

Project: Seneca Army Depot Activity

Collection Date: 8/31/99 4:50:00 PM

Lab ID: 9909017-01A Sample Type: SAMP

Matrix: SOIL

% Moist: 0.64

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	29.5		10.1	mg/Kg-dry	1	9/4/99 3:09:56 AM	OPTIMA_990903E	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	



# Ecology and Environment, Inc.

## Analytical Services Center

44 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1P-B14-1				
<b>Lab Order:</b>	9909017	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/31/99 4:50:00 PM				
<b>Lab ID:</b>	9909017-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	0.83

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	33.3		13.4	mg/Kg-dry	1	9/4/99 3:13:05 AM	OPTIMA_990903E	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 36  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1P-S24-0				
<b>Lab Order:</b>	9909017	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/31/99 4:55:00 PM				
<b>Lab ID:</b>	9909017-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	4.79

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	32.6		10.9	mg/Kg-dry	1	9/4/99 3:16:22 AM	OPTIMA_990903E	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1P-S25-0				
<b>Lab Order:</b>	9909017	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/31/99 4:59:00 PM				
<b>Lab ID:</b>	9909017-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.24

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	44.9		20.7	mg/Kg-dry	1	9/4/99 3:19:29 AM	OPTIMA_990903E	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8111

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-B14-0				
<b>Lab Order:</b>	9909017	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/31/99 5:20:00 PM				
<b>Lab ID:</b>	9909017-11A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.41

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	28.7		12.7	mg/Kg-dry	1	9/4/99 3:58:10 AM	OPTIMA_990903E	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4<sup>th</sup> Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S13-0				
<b>Lab Order:</b>	9909017	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/31/99 5:22:00 PM				
<b>Lab ID:</b>	9909017-12A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.05

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	24.0		13.6	mg/Kg-dry	1	9/4/99 4:01:07 AM	OPTIMA_990903E	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 6

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S13-1				
<b>Lab Order:</b>	9909017	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	8/31/99 5:22:00 PM				
<b>Lab ID:</b>	9909017-13A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	4.88

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	28.1		13.8	mg/Kg-dry	1	9/4/99 4:04:07 AM	OPTIMA_990903E	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

0120

# Ecology and Environment, Inc.

## Analytical Services Center

Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S15-0				
<b>Lab Order:</b>	9909027	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/1/99 4:42:00 PM				
<b>Lab ID:</b>	9909027-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	0.93

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B  
1\_6010B\_JY\_S

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Lead	18.5	J <sup>3</sup>	11.1	mg/Kg-dry	1	9/8/99 2:19:50 PM	OPTIMA_990908A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-B15-0				
<b>Lab Order:</b>	9909027	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/1/99 4:48:00 PM				
<b>Lab ID:</b>	9909027-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.06

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	35.4	S <sup>3</sup>	16.0	mg/Kg-dry	1	9/8/99 2:25:34 PM	OPTIMA_990908A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM



# Ecology and Environment, Inc.

## Analytical Services Center

4 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0G1B-B16-0				
Lab Order:	9909027	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/1/99 4:49:00 PM				
Lab ID:	9909027-04A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	1.80

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	28.5	J	20.4	mg/Kg-dry	1	9/8/99 2:28:25 PM	OPTIMA_990908A	GEM
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Definitions:	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S17-0				
<b>Lab Order:</b>	9909027	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/1/99 4:53:00 PM				
<b>Lab ID:</b>	9909027-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	1.34

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	u5 <sup>s</sup>	17.3	mg/Kg-dry	1	9/8/99 2:47:26 PM	OPTIMA_990908A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

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## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0G1B-B18-0				
Lab Order:	9909027	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/1/99 4:56:00 PM				
Lab ID:	9909027-06A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	1.53

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	14.7	J	14.4	mg/Kg-dry	1	9/8/99 2:50:21 PM	OPTIMA_990908A	GEM
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Definitions:	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 1C

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0G1B-S20-0				
Lab Order:	9909027	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/1/99 5:08:00 PM				
Lab ID:	9909027-10A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	3.68

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

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Lead	24.3	J	13.1	mg/Kg-dry	1	9/8/99 3:02:08 PM	OPTIMA_990908A	GEM
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Definitions:	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0G1P-B15-0				
Lab Order:	9909027	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/1/99 5:10:00 PM				
Lab ID:	9909027-11A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	3.59

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	US	13.9	mg/Kg-dry	1	9/8/99 3:05:07 PM	OPTIMA_990908A	GEM
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Definitions:	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

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## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 1 5

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0G1P-B15-1				
Lab Order:	9909027	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/1/99 5:10:00 PM				
Lab ID:	9909027-12A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	3.65

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND <sup>65</sup>		13.4	mg/Kg-dry	1	9/8/99 3:08:00 PM	OPTIMA_990908A	GEM
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Definitions:	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0G1P-B16-0				
Lab Order:	9909027	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/1/99 5:11:00 PM				
Lab ID:	9909027-13A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	3.35

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND	u <sup>3</sup>	17.4	mg/Kg-dry	1	9/8/99 3:11:27 PM	OPTIMA_990908A	GEM
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Definitions:	ND - Not Detected at the Reporting Limit	* - LCS recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 9/7/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 0

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**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0A1B-S04-0  
**Lab Order:** 9909137 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 09/14/1999 5:09:00 PM  
**Lab ID:** 9909137-24A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 5.85

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

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Lead	34.2		21.2	mg/Kg-dry	1	09/21/1999 12:31:17 AV OPTIMA_990920D		SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 09/16/1999 5:00:00 P

059



# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

1 Ister, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A1B-S03-0				
<b>Lab Order:</b>	9909137	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	09/14/1999 5:05:00 PM				
<b>Lab ID:</b>	9909137-23A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.00

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	34.7		18.5	mg/Kg-dry	1	09/21/1999 12:27:24 AM	OPTIMA_990920D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 09/16/1999 5:00:00 P

058





# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 104000

Phone: (716) 685-8000

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A1B-B03-1
<b>Lab Order:</b>	9909137	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	09/14/1999 4:55:00 PM
<b>Lab ID:</b>	9909137-22A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	15.90

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**ICP METALS ANALYSIS (JY) BY METHOD 6010B**  
**1\_6010B\_JY\_S**

Lead	17.7		17.2	mg/Kg-dry	1	09/21/1999 12:23:38 AM	OPTIMA_990920D	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 09/16/1999 5:00:00 P

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue  
Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A1B-B03-0				
<b>Lab Order:</b>	9909137	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	09/14/1999 4:50:00 PM				
<b>Lab ID:</b>	9909137-21A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.90

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	19.9		14.1	mg/Kg-dry	1	09/21/1999 12:12:31 AM OPTIMA_990920D		SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 09/16/1999 5:00:00 P

# Ecology and Environment, Inc.

## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 9

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S24-0				
<b>Lab Order:</b>	9909148	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/15/99 5:12:00 PM				
<b>Lab ID:</b>	9909148-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.20

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

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Lead	23.1		12.4	mg/Kg-dry	1	9/21/99 11:08:22 PM	OPTIMA_990921C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/16/99 5:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S27-0				
<b>Lab Order:</b>	9909148	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/15/99 4:49:00 PM				
<b>Lab ID:</b>	9909148-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	8.24

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	58.6		17.0	mg/Kg-dry	1	9/21/99 10:59:07 PM	OPTIMA_990921C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/16/99 5:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- )

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S26-0				
<b>Lab Order:</b>	9909148	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/15/99 4:45:00 PM				
<b>Lab ID:</b>	9909148-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.87

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	17.8		15.1	mg/Kg-dry	1	9/21/99 10:56:04 PM	OPTIMA_990921C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 9/16/99 5:00:00 PM



# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Yonkers, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0D1B-B07-0  
Lab Order: 9909202 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 9/22/99 10:45:00 AM  
Lab ID: 9909202-20A Sample Type: SAMP Matrix: SOIL % Moist: 20.20

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

### 1\_6010B\_JY\_S

Lead	ND	1.5	25.1	mg/Kg-dry	1	9/28/99 12:10:59 PM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

028

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1100

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0E1B-S08-0  
**Lab Order:** 9909202 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 9/22/99 10:13:00 AM  
**Lab ID:** 9909202-18A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 10.90

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	30.1	1.3	22.4	mg/Kg-dry	1	9/28/99 12:04:51 PM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

026

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Littleton, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0RE1-S13-0  
Lab Order: 9909202 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 9/22/99 9:26:00 AM  
Lab ID: 9909202-09A Sample Type: SAMP Matrix: SOIL % Moist: 18.60

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	18.4		24.6	mg/Kg-dry	1	9/28/99 11:27:12 AM	OPTIMA_990928A	TS
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Definitions: ND - Not Detected at the Reporting Limit \* - Recovery outside limits M - Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

017

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-9000

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0RE1-S12-0  
**Lab Order:** 9909202 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 9/22/99 9:22:00 AM  
**Lab ID:** 9909202-08A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 13.70

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	16.9	Q	23.2	mg/Kg-dry	1	9/28/99 11:24:06 AM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
II - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

016

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Leicester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0RE1-S11-0  
**Lab Order:** 9909202 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 9/22/99 9:18:00 AM  
**Lab ID:** 9909202-07A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 13.20

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		23.0	mg/Kg-dry	1	9/28/99 11:21:00 AM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

015

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8000

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RE1-S10-0				
<b>Lab Order:</b>	9909202	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/22/99 9:15:00 AM				
<b>Lab ID:</b>	9909202-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	16.60

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	19.7	J	24.0	mg/Kg-dry	1	9/28/99 11:17:55 AM	OPTIMA_990928A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

014

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

L...ster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0RB1-S09-0  
Lab Order: 9909202 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 9/22/99 8:50:00 AM  
Lab ID: 9909202-05A Sample Type: SAMP Matrix: SOIL % Moist: 12.00

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	27.7		22.7	mg/Kg-dry	1	9/28/99 11:14:49 AM	OPTIMA_990928A	TS
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**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M -Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

013

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8000

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0RB1-S08-0				
Lab Order:	9909202	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/22/99 8:55:00 AM				
Lab ID:	9909202-04A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	18.60

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	U <sup>3</sup>	24.6	mg/Kg-dry	1	9/28/99 11:01:30 AM	OPTIMA_990928A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

012



# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lyster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0RB1-S06-0  
Lab Order: 9909202 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 9/22/99 9:02:00 AM  
Lab ID: 9909202-01A Sample Type: SAMP Matrix: SOIL % Moist: 20.60

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	50.9	J	25.2	mg/Kg-dry	1	9/28/99 10:42:33 AM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

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**Ecology and Environment, Inc.**

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

**Laboratory Results**

NYS ELAP ID#: 1486

Phone: (716) 685-0380

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0E1B-B08-0
<b>Lab Order:</b>	9909202	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/22/99 9:33:00 AM
<b>Lab ID:</b>	9909202-10A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	15.30

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**ICP METALS ANALYSIS (JY) BY METHOD 6010B**

**1\_6010B\_JY\_S**

Lead	16.3	J <sup>1.3</sup>	23.6	mg/Kg-dry	1	9/28/99 11:30:19 AM	OPTIMA_990928A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

4403 Walden Avenue

Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0E1B-B09-0  
**Lab Order:** 9909202 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 9/22/99 9:39:00 AM  
**Lab ID:** 9909202-12A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 15.60

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	20.4		23.7	mg/Kg-dry	1	9/28/99 11:36:23 AM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0E1B-S05-0  
**Lab Order:** 9909202 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 9/22/99 9:59:00 AM  
**Lab ID:** 9909202-15A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 14.70

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	21.6	J <sup>1.3</sup>	23.4	mg/Kg-dry	1	9/28/99 11:55:42 AM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

4403 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0E1B-S06-0  
Lab Order: 9909202 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 9/22/99 10:05:00 AM  
Lab ID: 9909202-16A Sample Type: SAMP Matrix: SOIL % Moist: 18.60

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	18.9	J	24.6	mg/Kg-dry	1	9/28/99 11:58:44 AM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 0486

Phone: (716) 685-0080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0E1B-S07-0  
**Lab Order:** 9909202 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 9/22/99 10:09:00 AM  
**Lab ID:** 9909202-17A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 11.30

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

### 1\_6010B\_JY\_S

Lead	ND	UTS	22.5	mg/Kg-dry	1	9/28/99 12:01:48 PM	OPTIMA_990928A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Yonkers, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0C1P-S13-0				
Lab Order:	9909214	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/23/99 3:45:00 PM				
Lab ID:	9909214-02A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	15.30

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		18.7	mg/Kg-dry	1	9/28/99 11:04:29 PM	OPTIMA_990928C	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

009

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S22-0				
<b>Lab Order:</b>	9909214	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/23/99 4:15:00 PM				
<b>Lab ID:</b>	9909214-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	7.28

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		13.1	mg/Kg-dry	1	9/28/99 11:07:26 PM	OPTIMA_990928C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

010



# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Wester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0G1B-S22-1				
Lab Order:	9909214	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	9/23/99 4:15:00 PM				
Lab ID:	9909214-04A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	7.34

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B  
1\_6010B\_JY\_S

Lead	ND		16.5	mg/Kg-dry	1	9/28/99 11:10:24 PM	OPTIMA_990928C	SHT
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Definitions:

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

011

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685 3030

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0J1P-B16-0  
**Lab Order:** 9909238 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 09/27/1999 4:58:00 PM  
**Lab ID:** 9909238-03A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 11.20

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND <sup>3</sup>		18.8	mg/Kg-dry	1	09/30/1999 8:38:56 PM	OPTIMA_990930A	SHT

**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M - Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

## Analytical Services Center

4477 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0J1P-S36-0  
**Lab Order:** 9909238 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 09/27/1999 4:59:00 PM  
**Lab ID:** 9909238-04A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 9.17

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND	UJ <sup>3</sup>	12.6	mg/Kg-dry	1	09/30/1999 8:42:03 PM	OPTIMA_990930A	SHT

**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M -Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 682-180

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0J1P-S37-0				
<b>Lab Order:</b>	9909238	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	09/27/1999 5:08:00 PM				
<b>Lab ID:</b>	9909238-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	uJ <sup>3</sup>	18.3	mg/Kg-dry	1	09/30/1999 8:45:09 PM	OPTIMA_990930A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ5-S01-0				
<b>Lab Order:</b>	9909238	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	09/27/1999 5:14:00 PM				
<b>Lab ID:</b>	9909238-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	12.70

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND	US <sup>3</sup>	22.9	mg/Kg-dry	1	09/30/1999 8:51:37 PM	OPTIMA_990930A	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 682-0880

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ3-S04-0				
<b>Lab Order:</b>	9909250	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/28/99 5:15:00 PM				
<b>Lab ID:</b>	9909250-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.75

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	15.4		13.1	mg/Kg-dry	1	10/4/99 6:14:27 PM	OPTIMA_991004A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4403 Walden Avenue

L. Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ3-S02-0				
<b>Lab Order:</b>	9909250	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/28/99 5:07:00 PM				
<b>Lab ID:</b>	9909250-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	49.5		11.5	mg/Kg-dry	1	10/4/99 6:08:22 PM	OPTIMA_991004A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 30

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ3-S01-0				
<b>Lab Order:</b>	9909250	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/28/99 5:02:00 PM				
<b>Lab ID:</b>	9909250-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	9.48

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**ICP METALS ANALYSIS (JY) BY METHOD 6010B**  
**1\_6010B\_JY\_S**

Lead	32.2		15.1	mg/Kg-dry	1	10/4/99 6:05:20 PM	OPTIMA_991004A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM



# Ecology and Environment, Inc.

## Analytical Services Center

4400 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ3-B01-0				
<b>Lab Order:</b>	9909250	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/28/99 4:55:00 PM				
<b>Lab ID:</b>	9909250-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	7.44

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND		21.6	mg/Kg-dry	1	10/4/99 5:46:39 PM	OPTIMA_991004A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 30

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ5-S04-0				
<b>Lab Order:</b>	9909250	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/28/99 4:50:00 PM				
<b>Lab ID:</b>	9909250-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.41

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	43.8		11.9	mg/Kg-dry	1	10/4/99 5:43:07 PM	OPTIMA_991004A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

1 Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ5-S03-0				
<b>Lab Order:</b>	9909250	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/28/99 4:45:00 PM				
<b>Lab ID:</b>	9909250-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	8.68

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	12.6		12.0	mg/Kg-dry	1	10/4/99 5:40:02 PM	OPTIMA_991004A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 30

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBJ5-S02-0				
<b>Lab Order:</b>	9909250	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/28/99 4:40:00 PM				
<b>Lab ID:</b>	9909250-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	17.90

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

### 1\_6010B\_JY\_S

Lead	ND		20.1	mg/Kg-dry	1	10/4/99 5:37:03 PM	OPTIMA_991004A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Littleton, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0B1B-B08-0				
<b>Lab Order:</b>	9910005	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/29/99 4:47:00 PM				
<b>Lab ID:</b>	9910005-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	12.00

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	19.5	J <sup>3</sup>	22.7	mg/Kg-dry	1	10/5/99 5:24:08 PM	JY_991005A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0B1B-B07-0				
<b>Lab Order:</b>	9910005	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/29/99 4:40:00 PM				
<b>Lab ID:</b>	9910005-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	9.88

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	27.4	J	22.2	mg/Kg-dry	1	10/5/99 5:12:52 PM	JY_991005A	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0B1B-B07-1				
<b>Lab Order:</b>	9910005	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/29/99 4:40:00 PM				
<b>Lab ID:</b>	9910005-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.87

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	35.1	J	21.5	mg/Kg-dry	1	10/5/99 5:18:31 PM	JY_991005A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8880

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-PBG6-S04-0  
**Lab Order:** 9910021 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/1/99 3:30:00 PM  
**Lab ID:** 9910021-06A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 13.00

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	23.9	J <sup>3</sup>	13.5	mg/Kg-dry	1	10/6/99 10:03:43 PM	JY_991006A	SHT
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**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M -Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound



# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S27-0				
<b>Lab Order:</b>	9910005	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/29/99 5:05:00 PM				
<b>Lab ID:</b>	9910005-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.08

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	22.7	J	21.3	mg/Kg-dry	1	10/5/99 6:03:18 PM	JY_991005A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-0800

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0G1B-B19-0  
**Lab Order:** 9910005 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 9/29/99 5:12:00 PM  
**Lab ID:** 9910005-07A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 8.43

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	20.3	J <sup>3</sup>	21.8	mg/Kg-dry	1	10/5/99 6:14:27 PM	JY_991005A	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1P-S33-0				
<b>Lab Order:</b>	9910005	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	9/29/99 5:15:00 PM				
<b>Lab ID:</b>	9910005-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.48

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	22.4	J	21.2	mg/Kg-dry	1	10/5/99 6:20:02 PM	JY_991005A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 9/28/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 30

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S24-0				
<b>Lab Order:</b>	9910021	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/1/99 3:30:00 PM				
<b>Lab ID:</b>	9910021-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	8.91

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	29.6	J <sup>3</sup>	16.4	mg/Kg-dry	1	10/6/99 9:41:15 PM	JY_991006A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

3 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S25-0				
<b>Lab Order:</b>	9910021	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/1/99 3:30:00 PM				
<b>Lab ID:</b>	9910021-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.00

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	39.6	J <sup>3</sup>	15.7	mg/Kg-dry	1	10/6/99 9:35:38 PM	JY_991006A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1100

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBG6-S03-0				
<b>Lab Order:</b>	9910021	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/1/99 3:30:00 PM				
<b>Lab ID:</b>	9910021-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.90

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	UJ <sup>3</sup>	14.6	mg/Kg-dry	1	10/6/99 9:58:06 PM	JY_991006A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lowcester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-PBG6-S02-0  
**Lab Order:** 9910021 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/1/99 3:30:00 PM  
**Lab ID:** 9910021-04A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 12.80

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B  
1\_6010B\_JY\_S

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Lead	20.5	J	15.9	mg/Kg-dry	1	10/6/99 9:52:29 PM	JY_991006A	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8000

CLIENT: Roy F. Weston, Inc.

Lab Order: 9910021

Project: Seneca Army Depot Activity

Lab ID: 9910021-03A Sample Type: SAMP

Client Sample ID: CE-PBG6-S01-0

Alt. Client ID:

Collection Date: 10/1/99 3:30:00 PM

Matrix: SOIL

% Moist: 15.80

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	14.1	J <sup>3</sup>	13.7	mg/Kg-dry	1	10/6/99 9:46:52 PM	JY_991006A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	



# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Catskill, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0J1P-S44-0				
<b>Lab Order:</b>	9910068	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/5/99 4:50:00 PM				
<b>Lab ID:</b>	9910068-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	19.40

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	44.2	J	24.8	mg/Kg-dry	1	10/11/99 4:36:56 PM	JY_991011A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 682-80

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<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0J1P-S45-0
<b>Lab Order:</b> 9910068	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/5/99 4:55:00 PM
<b>Lab ID:</b> 9910068-05A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 10.90

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	15.8	J	12.3	mg/Kg-dry	1	10/11/99 5:09:53 PM	JY_991011A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Westchester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0RD1-S09-0				
Lab Order:	9910068	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/5/99 5:15:00 PM				
Lab ID:	9910068-11A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	14.80

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	57.5	J	15.3	mg/Kg-dry	1	10/11/99 5:42:51 PM	JY_991011A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1100

CLIENT: Roy F. Weston, Inc.

Client Sample ID: CE-0RD1-S08-0

Lab Order: 9910068

Alt. Client ID:

Project: Seneca Army Depot Activity

Collection Date: 10/5/99 5:12:00 PM

Lab ID: 9910068-10A Sample Type: SAMP

Matrix: SOIL

% Moist: 14.90

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	17.8	J	14.8	mg/Kg-dry	1	10/11/99 5:37:20 PM	JY_991011A	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Yonkers, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-ORD1-S07-0				
Lab Order:	9910068	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/5/99 5:08:00 PM				
Lab ID:	9910068-09A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	18.80

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	45.0	J <sup>1</sup>	16.1	mg/Kg-dry	1	10/11/99 5:31:51 PM	JY_991011A	SHT
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Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 7

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-ORG1-S06-0  
**Lab Order:** 9910068 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/05/1999 5:08:00 PM  
**Lab ID:** 9910068-08A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 18.50

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND <i>us</i>		15.1	mg/Kg-dry	1	10/11/1999 5:26:22 PM	JY_991011A	SHT
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

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L...aster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0RA2-S01-0  
**Lab Order:** 9910086 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/7/99 3:45:00 PM  
**Lab ID:** 9910086-04A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 11.70

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	35.4		22.7	mg/Kg-dry	1	10/11/99 6:35:33 PM	JY_991011A	SHT

**Definitions:**  
ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits      R - RPD outside recovery limits      Q - Qualifier  
B - Analyte detected in the associated Method Blank      E - Value above quantitation range      Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

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# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8000

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RA2-B01-0				
<b>Lab Order:</b>	9910086	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/7/99 3:43:00 PM				
<b>Lab ID:</b>	9910086-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.36

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	38.2		16.3	mg/Kg-dry	1	10/11/99 6:30:02 PM	JY_991011A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM



# Ecology and Environment, Inc.

## Analytical Services Center

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# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A2B-B01-1				
<b>Lab Order:</b>	9910086	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/7/99 3:35:00 PM				
<b>Lab ID:</b>	9910086-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	6.34

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	30.1		16.1	mg/Kg-dry	1	10/11/99 6:24:31 PM	JY_991011A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 1

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<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0A2B-B01-0
<b>Lab Order:</b> 9910086	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/7/99 3:35:00 PM
<b>Lab ID:</b> 9910086-01A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 6.11

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B  
1\_6010B\_JY\_S

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Lead	32.2		14.4	mg/Kg-dry	1	10/11/99 6:18:58 PM	JY_991011A	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/6/99 2:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RE1-S14-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 12:10:00 PM				
<b>Lab ID:</b>	9910128-05A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	8.38

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	35.5		16.3	mg/Kg-dry	1	10/19/99 4:59:08 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10186

Phone: (716) 685-0000

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RA2-S04-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 12:15:00 PM				
<b>Lab ID:</b>	9910128-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		13.0	mg/Kg-dry	1	10/19/99 5:04:40 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# ology and Environment, Inc.

## Analytical Services Center

4 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2B-B01-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 4:55:00 PM				
<b>Lab ID:</b>	9910128-10A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		12.4	mg/Kg-dry	1	10/19/99 5:37:48 PM	JY_991019B	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-...

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2B-S01-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 4:58:00 PM				
<b>Lab ID:</b>	9910128-11A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	11.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	13.7		13.5	mg/Kg-dry	1	10/19/99 5:43:21 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4403 Walden Avenue

Littleton, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2B-B02-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 5:02:00 PM				
<b>Lab ID:</b>	9910128-12A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	8.33

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		16.4	mg/Kg-dry	1	10/19/99 5:48:51 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10496

Phone: (716) 685-... J

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2B-S02-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 5:10:00 PM				
<b>Lab ID:</b>	9910128-13A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		14.2	mg/Kg-dry	1	10/19/99 5:54:21 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM



# Ecology and Environment, Inc.

## Analytical Services Center

Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-B01-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 4:40:00 PM				
<b>Lab ID:</b>	9910133-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	15.80

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND		16.8	mg/Kg-dry	1	10/19/99 6:21:53 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-B01-1				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 4:40:00 PM				
<b>Lab ID:</b>	9910133-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	15.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		14.9	mg/Kg-dry	1	10/19/99 8:42:47 PM	JY_991019B	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

44<sup>03</sup> Walden Avenue

Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-B02-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 4:44:00 PM				
<b>Lab ID:</b>	9910133-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	18.00

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		16.4	mg/Kg-dry	1	10/19/99 8:46:57 PM	JY_991019B	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-B03-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 4:47:00 PM				
<b>Lab ID:</b>	9910133-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	18.40

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		24.5	mg/Kg-dry	1	10/19/99 8:51:04 PM	JY_991019B	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

443 Walden Avenue

L. Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0G2P-B04-0
<b>Lab Order:</b> 9910133	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/14/99 4:49:00 PM
<b>Lab ID:</b> 9910133-05A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 12.40

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND		15.2	mg/Kg-dry	1	10/19/99 9:07:36 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-S01-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 4:53:00 PM				
<b>Lab ID:</b>	9910133-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	16.50

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		15.6	mg/Kg-dry	1	10/19/99 9:11:44 PM	JY_991019B	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4777 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-S03-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 5:00:00 PM				
<b>Lab ID:</b>	9910133-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	15.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	40.0		14.1	mg/Kg-dry	1	10/19/99 9:19:56 PM	JY_991019B	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-S05-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 5:08:00 PM				
<b>Lab ID:</b>	9910133-10A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	20.90

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	19.3		13.7	mg/Kg-dry	1	10/20/99 1:35:15 PM	JY_991020B	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Rochester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0G2P-S06-0  
**Lab Order:** 9910133 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/14/99 5:11:00 PM  
**Lab ID:** 9910133-11A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 23.40

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	26.1		21.6	mg/Kg-dry	1	10/20/99 1:40:47 PM	JY_991020B	TS

---

**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-f

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-S07-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 5:14:00 PM				
<b>Lab ID:</b>	9910133-12A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	18.30

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		19.6	mg/Kg-dry	1	10/20/99 1:46:19 PM	JY_991020B	TS

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4103 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G2P-S08-0				
<b>Lab Order:</b>	9910133	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/14/99 5:17:00 PM				
<b>Lab ID:</b>	9910133-13A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	20.90

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		17.8	mg/Kg-dry	1	10/20/99 1:51:51 PM	JY_991020B	TS

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- )

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G1B-S29-0				
<b>Lab Order:</b>	9910144	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/15/99 3:40:00 PM				
<b>Lab ID:</b>	9910144-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	18.8	J	14.2	mg/Kg-dry	1	10/21/99 11:53:43 PM	OPTIMA_991021C	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0J2B-B01-0				
<b>Lab Order:</b>	9910144	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/15/99 3:50:00 PM				
<b>Lab ID:</b>	9910144-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.20

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	44.9	J <sup>l</sup>	11.8	mg/Kg-dry	1	10/22/99 12:00:02 AM	OPTIMA_991021C	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-0000

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0J2B-S01-0
<b>Lab Order:</b> 9910144	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/15/99 3:54:00 PM
<b>Lab ID:</b> 9910144-05A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 11.10

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	54.5	J	14.0	mg/Kg-dry	1	10/22/99 12:03:11 AM	OPTIMA_991021C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

44<sup>02</sup> Walden Avenue

Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0J2B-S02-0
<b>Lab Order:</b> 9910144	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/15/99 3:57:00 PM
<b>Lab ID:</b> 9910144-06A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 9.60

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Analyte	Result Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>							
<b>1_6010B_JY_S</b>							
Lead	26.0 <i>51</i>	22.1	mg/Kg-dry	1	10/22/99 12:06:20 AM	OPTIMA_991021C	SHT

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-3030

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBG1-S04-0				
<b>Lab Order:</b>	9910144	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/15/99 4:30:00 PM				
<b>Lab ID:</b>	9910144-12A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	24.40

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND	(U)	21.3	mg/Kg-dry	1	10/22/99 12:41:28 AM	OPTIMA_991021C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM



# Ecology and Environment, Inc.

Analytical Services Center

4403 Walden Avenue

L...aster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-PBG1-S03-0  
**Lab Order:** 9910144 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/15/99 4:23:00 PM  
**Lab ID:** 9910144-11A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 16.30

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND <sup>45</sup>		14.5	mg/Kg-dry	1	10/22/99 12:38:21 AM	OPTIMA_991021C	SHT

**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M - Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 0

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-PBG1-S02-0				
<b>Lab Order:</b>	9910144	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/15/99 4:20:00 PM				
<b>Lab ID:</b>	9910144-10A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.20

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND	U	17.4	mg/Kg-dry	1	10/22/99 12:35:16 AM	OPTIMA_991021C	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

470 Walden Avenue

Laurel, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-PBG1-S01-0
<b>Lab Order:</b> 9910144	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/15/99 4:15:00 PM
<b>Lab ID:</b> 9910144-09A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 11.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	14.2	J <sup>1</sup>	13.8	mg/Kg-dry	1	10/22/99 12:32:10 AM	OPTIMA_991021C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- )

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<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-PBG1-B01-0
<b>Lab Order:</b> 9910144	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/15/99 4:10:00 PM
<b>Lab ID:</b> 9910144-08A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 15.10

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	18.9	J	13.9	mg/Kg-dry	1	10/22/99 12:29:04 AM	OPTIMA_991021C	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Littleton, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0E1B-S10-0				
<b>Lab Order:</b>	9910152	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/18/99 4:45:00 PM				
<b>Lab ID:</b>	9910152-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.70

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	14.2		13.8	mg/Kg-dry	1	10/22/99 12:54:23 AM	OPTIMA_991021C	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 9

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0E1B-B10-0				
<b>Lab Order:</b>	9910152	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/18/99 4:39:00 PM				
<b>Lab ID:</b>	9910152-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	13.2		12.0	mg/Kg-dry	1	10/22/99 12:57:30 AM	OPTIMA_991021C	SHT
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

1000 Westchester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0J1P-S50-0				
Lab Order:	9910186	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/20/99 4:43:00 PM				
Lab ID:	9910186-02A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	10.30

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	46.8	J <sup>1,3</sup>	14.4	mg/Kg-dry	1	10/26/99 3:40:06 PM	JY_991026A	SHT

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/26/99 9:00:00 AM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-0300

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0J1P-S51-0  
Lab Order: 9910194 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 10/21/99 3:40:00 PM  
Lab ID: 9910194-40A Sample Type: SAMP Matrix: SOIL % Moist: 12.50

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B  
1\_6010B\_JY\_S

Lead	18.2	J <sup>3</sup>	16.7	mg/Kg-dry	1	10/27/99 2:26:41 PM	JY_991027A	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 10/26/99 9:00:00 AM



# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

L. Ister, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-B15-0				
<b>Lab Order:</b>	9910194	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/21/99 4:15:00 PM				
<b>Lab ID:</b>	9910194-38A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	31.6	J <sup>3</sup>	16.6	mg/Kg-dry	1	10/27/99 2:15:37 PM	JY_991027A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/26/99 9:00:00 AM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8 1

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-B14-0				
<b>Lab Order:</b>	9910194	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/21/99 4:08:00 PM				
<b>Lab ID:</b>	9910194-37A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.70

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	31.4	J <sup>3</sup>	17.5	mg/Kg-dry	1	10/27/99 2:10:06 PM	JY_991027A	TS

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/26/99 9:00:00 AM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Littleton, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-B13-0				
<b>Lab Order:</b>	9910194	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/21/99 3:57:00 PM				
<b>Lab ID:</b>	9910194-36A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	13.80

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	UJ <sup>3</sup>	14.6	mg/Kg-dry	1	10/27/99 2:04:35 PM	JY_991027A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/26/99 9:00:00 AM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8600

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-B12-0				
<b>Lab Order:</b>	9910194	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/21/99 3:44:00 PM				
<b>Lab ID:</b>	9910194-35A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	13.7	J <sup>3</sup>	11.6	mg/Kg-dry	1	10/27/99 1:59:03 PM	JY_991027A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/26/99 9:00:00 AM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Littleton, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0H1B-S09-0				
<b>Lab Order:</b>	9910230	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/26/99 4:44:00 PM				
<b>Lab ID:</b>	9910230-12A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	9.58

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND		12.2	mg/Kg-dry	1	11/2/99 2:55:53 PM	JY_991102A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-9 3

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0H1B-S06-0				
<b>Lab Order:</b>	9910230	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/26/99 4:52:00 PM				
<b>Lab ID:</b>	9910230-09A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	21.8		13.9	mg/Kg-dry	1	11/2/99 2:39:20 PM	JY_991102A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

# Laboratory Results

Analytical Services Center

4493 Walden Avenue

Littleton, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0H1B-B14-0				
Lab Order:	9910230	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/26/99 4:58:00 PM				
Lab ID:	9910230-07A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	7.87

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B  
1\_6010B\_JY\_S

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Lead	19.7		15.8	mg/Kg-dry	1	11/2/99 2:28:16 PM	JY_991102A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0H1B-B13-0				
<b>Lab Order:</b>	9910230	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/26/99 5:00:00 PM				
<b>Lab ID:</b>	9910230-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	10.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	58.5		13.0	mg/Kg-dry	1	11/2/99 2:11:43 PM	JY_991102A	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM



# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0E1B-S13-0				
Lab Order:	9910230	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/26/99 5:12:00 PM				
Lab ID:	9910230-04A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	14.20

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	136		16.7	mg/Kg-dry	1	11/2/99 2:00:39 PM	JY_991102A	TS
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Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-5100

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A1B-B03-0				
<b>Lab Order:</b>	9910230	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/26/99 5:20:00 PM				
<b>Lab ID:</b>	9910230-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	11.50

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		12.3	mg/Kg-dry	1	11/2/99 1:43:59 PM	JY_991102A	TS

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

# Laboratory Results

Analytical Services Center

4493 Walden Avenue

Littleton, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A1B-B03-1
<b>Lab Order:</b>	9910230	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/26/99 5:20:00 PM
<b>Lab ID:</b>	9910230-02A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	14.10

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND		11.9	mg/Kg-dry	1	11/2/99 1:49:32 PM	JY_991102A	TS

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 1

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0RC1-B17-0  
**Lab Order:** 9910246 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/28/99 4:15:00 PM  
**Lab ID:** 9910246-18A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 3.39

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	27.6	J	11.9	mg/Kg-dry	1	11/3/99 2:49:17 PM	OPTIMA_991103B	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc.

Client Sample ID: CE-0J1P-B23-0

Lab Order: 9910239

Alt. Client ID:

Project: Seneca Army Depot Activity

Collection Date: 10/27/99 5:05:00 PM

Lab ID: 9910239-13A Sample Type: SAMP

Matrix: SOIL

% Moist: 23.80

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	UJ-21	17.0	mg/Kg-dry	1	11/3/99 4:44:12 PM	OPTIMA_991103C	TS
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Definitions:

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0J1P-S53-0  
**Lab Order:** 9910239 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/27/99 5:10:00 PM  
**Lab ID:** 9910239-15A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 21.40

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	UJ <sup>21</sup>	16.9	mg/Kg-dry	1	11/3/99 4:49:53 PM	OPTIMA_991103C	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

# Laboratory Results

Analytical Services Center

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Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0J1P-B24-0				
Lab Order:	9910239	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/27/99 5:07:00 PM				
Lab ID:	9910239-14A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	18.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND <sup>0J-21</sup>		16.8	mg/Kg-dry	1	11/3/99 4:47:02 PM	OPTIMA_991103C	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

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## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0J1P-S54-0  
**Lab Order:** 9910239 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/27/99 5:12:00 PM  
**Lab ID:** 9910239-16A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 19.90

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
ICP METALS ANALYSIS (JY) BY METHOD 6010B								
1_6010B_JY_S								
Lead	ND	UJ <sup>21</sup>	17.2	mg/Kg-dry	1	11/3/99 4:52:44 PM	OPTIMA_991103C	TS

**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

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# Laboratory Results

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Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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Client:	Roy F. Weston, Inc.	Client Sample ID:	CE-0J1P-S56-0				
Lab Order:	9910239	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/27/99 5:16:00 PM				
Lab ID:	9910239-19A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	18.30

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
ICP METALS ANALYSIS (JY) BY METHOD 6010B								
1_6010B_JY_S								
Lead	21.9	J <sup>1,2</sup>	13.8	mg/Kg-dry	1	11/3/99 5:01:18 PM	OPTIMA_991103C	TS

**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0 Rev 11/2/99 6:00:00 PM

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Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0J1P-S57-0				
<b>Lab Order:</b>	9910239	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/27/99 5:18:00 PM				
<b>Lab ID:</b>	9910239-20A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	18.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	WJ	24.4	mg/Kg-dry	1	11/3/99 5:10:59 PM	OPTIMA_991103C	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

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Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0J1P-S58-0  
Lab Order: 9916239 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 10/27/99 5:20:00 PM  
Lab ID: 9916239-21A Sample Type: SAMP Matrix: SOIL % Moist: 21.10

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	27.8 J <sup>1,2</sup>		15.9	mg/Kg-dry	1	11/3/99 1:34:38 PM	OPTIMA_991103B	TS
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**Definitions:**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below Reporting limits  
B - Analyte detected in the associated Method Blank  
H - Value exceeds Maximum Contaminant Level

\* - Recovery outside limits  
R - RPD outside recovery limits  
E - Value above quantitation range  
Surr - Denotes Surrogate Compound

M - Matrix Spike recovery outside limits  
Q - Qualifier  
Limit - Reporting Limit

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 9

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0RC1-B16-0  
**Lab Order:** 9910246 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/28/99 4:13:00 PM  
**Lab ID:** 9910246-17A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 8.82

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	19.5	J	14.5	mg/Kg-dry	1	11/3/99 2:46:21 PM	OPTIMA_991103B	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

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# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0C1B-B03-0  
**Lab Order:** 9910246 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/28/99 4:11:00 PM  
**Lab ID:** 9910246-16A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 4.37

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	49.4	J	10.9	mg/Kg-dry	1	11/3/99 2:43:28 PM	OPTIMA_991103B	TS

**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 0

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0RC1-S43-0  
Lab Order: 9910246 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 10/28/99 4:10:00 PM  
Lab ID: 9910246-14A Sample Type: SAMP Matrix: SOIL % Moist: 2.18

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	ND <i>us</i>		11.4	mg/Kg-dry	1	11/3/99 2:37:30 PM	OPTIMA_991103B	TS
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**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M -Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Yonkers, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S43-1				
<b>Lab Order:</b>	9910246	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/28/99 4:10:00 PM				
<b>Lab ID:</b>	9910246-15A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	2.42

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND <sup>us</sup>		15.9	mg/Kg-dry	1	11/3/99 2:40:26 PM	OPTIMA_991103B	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-0

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S37-0				
<b>Lab Order:</b>	9910246	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/28/99 3:55:00 PM				
<b>Lab ID:</b>	9910246-08A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	23.80

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	31.6	J	18.9	mg/Kg-dry	1	11/3/99 2:13:45 PM	OPTIMA_991103B	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM



# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Yonkers, New York 10486

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S36-0				
<b>Lab Order:</b>	9910246	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/28/99 3:53:00 PM				
<b>Lab ID:</b>	9910246-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	16.70

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	20.8	J	14.4	mg/Kg-dry	1	11/3/99 2:10:52 PM	OPTIMA_991103B	TS

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 0

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0RC1-S34-0  
**Lab Order:** 9910246 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/28/99 3:49:00 PM  
**Lab ID:** 9910246-05A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 3.35

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

### 1\_6010B\_JY\_S

Lead	54.0	J <sup>1</sup>	10.7	mg/Kg-dry	1	11/3/99 2:05:06 PM	OPTIMA_991103B	TS
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Yonkers, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S33-0				
<b>Lab Order:</b>	9910246	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/28/99 3:43:00 PM				
<b>Lab ID:</b>	9910246-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	15.20

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	ND	US	15.2	mg/Kg-dry	1	11/3/99 1:53:09 PM	OPTIMA_991103B	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

14

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 0

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S33-1				
<b>Lab Order:</b>	9910246	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/28/99 3:43:00 PM				
<b>Lab ID:</b>	9910246-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.10

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	14.3	J	13.3	mg/Kg-dry	1	11/3/99 2:02:14 PM	OPTIMA_991103B	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

11787, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S32-0				
<b>Lab Order:</b>	9910246	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/28/99 3:40:00 PM				
<b>Lab ID:</b>	9910246-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	8.01

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	16.8	J	15.0	mg/Kg-dry	1	11/3/99 1:50:18 PM	OPTIMA_991103B	TS
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- 0

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S31-0
<b>Lab Order:</b>	9910246	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/28/99 3:38:00 PM
<b>Lab ID:</b>	9910246-01A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	12.40

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	ND	u	22.8	mg/Kg-dry	1	11/3/99 1:38:09 PM	OPTIMA_991103B	TS

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Castroville, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-B18-0				
<b>Lab Order:</b>	9911170	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/17/99 4:08:00 PM				
<b>Lab ID:</b>	9911170-17A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	7.51

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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ICP METALS ANALYSIS (JY) BY METHOD 6010B  
1\_6010B\_JY\_S

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Lead	17.5		17.2	mg/Kg-dry	1	11/24/99 8:25:40 AM	OPTIMA_991124A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 780

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-B19-0				
<b>Lab Order:</b>	9911170	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/17/99 4:10:00 PM				
<b>Lab ID:</b>	9911170-18A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.65

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	17.2		14.9	mg/Kg-dry	1	11/24/99 8:28:44 AM	OPTIMA_991124A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM



# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Leicester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S49-0				
<b>Lab Order:</b>	9911170	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/17/99 4:32:00 PM				
<b>Lab ID:</b>	9911170-24A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	4.29

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	32.9		14.3	mg/Kg-dry	1	11/24/99 8:53:35 AM	OPTIMA_991124A	GEM

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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-9980

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S51-0				
<b>Lab Order:</b>	9911170	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/17/99 4:39:00 PM				
<b>Lab ID:</b>	9911170-26A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	4.39

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	21.0		15.8	mg/Kg-dry	1	11/24/99 9:00:03 AM	OPTIMA_991124A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RC1-S52-0				
<b>Lab Order:</b>	9911170	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/17/99 4:43:00 PM				
<b>Lab ID:</b>	9911170-27A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	3.32

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

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Lead	47.9		20.7	mg/Kg-dry	1	11/24/99 9:03:15 AM	OPTIMA_991124A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0F1P-B03-0				
<b>Lab Order:</b>	9911182	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/18/99 3:23:00 PM				
<b>Lab ID:</b>	9911182-04A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	14.30

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS (JY) BY METHOD 6010B

1\_6010B\_JY\_S

Lead	49.5	J, 21	23.3	mg/Kg-dry	1	12/1/99 11:34:19 AM	OPTIMA_991201A	GEM
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<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 12/1/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

44 Walden Avenue

Lester, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-ORF1-B01-0
<b>Lab Order:</b>	9911182	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/18/99 4:00:00 PM
<b>Lab ID:</b>	9911182-16A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	7.25

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	14.0	J	11.8	mg/Kg-dry	1	12/1/99 12:29:36 PM	OPTIMA_991201A	GEM

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 0

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0RF1-B02-0  
**Lab Order:** 9911182 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 11/18/99 4:03:00 PM  
**Lab ID:** 9911182-17A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 17.90

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS (JY) BY METHOD 6010B

#### 1\_6010B\_JY\_S

Lead	35.6	J <sub>1,2t</sub>	15.5	mg/Kg-dry	1	12/1/99 12:32:26 PM	OPTIMA_991201A	GEM
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**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 12/1/99 2:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

11801 Westchester, New York 10486

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0RF1-S03-0				
<b>Lab Order:</b>	9911182	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/18/99 4:13:00 PM				
<b>Lab ID:</b>	9911182-21A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	5.23

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Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS (JY) BY METHOD 6010B</b>								
<b>1_6010B_JY_S</b>								
Lead	54.5	J <sup>-1,2</sup>	15.5	mg/Kg-dry	1	12/1/99 12:49:58 PM	OPTIMA_991201A	GEM

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 12/1/99 2:00:00 PM

**AMRO Environmental Laboratories Corp.**

Date: 20-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108174  
**Project:** Seneca Army Depot  
**Lab ID:** 0108174-16A

**Client Sample ID:** CE-0A3B-B02-0  
**Collection Date:** 8/17/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	47	3.4		mg/Kg-dry	1	8/18/01 5:21:30 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JP
Percent Moisture	10.5	0		wt%	1	8/18/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	



**AMRO Environmental Laboratories Corp.**

**Date:** 20-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108174  
**Project:** Seneca Army Depot  
**Lab ID:** 0108174-08A

**Client Sample ID:** CE-0H3B-B08-0  
**Collection Date:** 8/17/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	27	3.4		mg/Kg-dry	1	8/18/01 4:36:01 PM
PERCENT MOISTURE		D2216				Analyst: JP
Percent Moisture	9.5	0		wt%	1	8/18/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

# AMRO Environmental Laboratories Corp.

Date: 20-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0H3B-B06-0
<b>Lab Order:</b>	0108174		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/17/01
<b>Lab ID:</b>	0108174-06A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						
	<b>SW6010B</b>					Analyst: RK
Lead	14	3.5		mg/Kg-dry	1	8/18/01 4:26:43 PM
<b>PERCENT MOISTURE</b>						
	<b>D2216</b>					Analyst: JP
Percent Moisture	11.4	0		wt%	1	8/18/01

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	H - Method prescribed holding time exceeded	# - See Case Narrative
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 20-Aug-01

CLIENT: Roy F. Weston, Inc.  
 Lab Order: 0108174  
 Project: Seneca Army Depot  
 Lab ID: 0108174-04A

Client Sample ID: CE-0H3B-B04-0  
 Collection Date: 8/17/01  
 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	15	3.6		mg/Kg-dry	1	8/18/01 4:16:51 PM
PERCENT MOISTURE		D2216				Analyst: JP
Percent Moisture	14.7	0		wt%	1	8/18/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 20-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108174  
**Project:** Seneca Army Depot  
**Lab ID:** 0108174-03A

**Client Sample ID:** CE-0H3B-B03-0  
**Collection Date:** 8/17/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	18	3.4		mg/Kg-dry	1	8/18/01 4:12:19 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JP
Percent Moisture	9.3	0		wt%	1	8/18/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-45A

**Client Sample ID:** CE-0G3B-B41-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	21	3.5		mg/Kg-dry	1	8/22/01 12:08:11 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	10.5	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B40-1
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-44A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	14	3.5		mg/Kg-dry	1	8/22/01 12:03:34 PM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	12.4	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

# AMRO Environmental Laboratories Corp.

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-43A

**Client Sample ID:** CE-0G3B-B40-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	18	3.4		mg/Kg-dry	1	8/22/01 11:58:59 AM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	12.0	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-42A

**Client Sample ID:** CE-0G3B-B39-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010	SW6010B					Analyst: RK
Lead	27	3.5		mg/Kg-dry	1	8/21/01 7:50:23 PM
PERCENT MOISTURE	D2216					Analyst: CLM
Percent Moisture	12.7	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	



**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-41A

**Client Sample ID:** CE-0G3B-B38-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010	SW6010B					Analyst: RK
Lead	33	3.4		mg/Kg-dry	1	8/22/01 11:54:04 AM
PERCENT MOISTURE	D2216					Analyst: CLM
Percent Moisture	10.3	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-40A

**Client Sample ID:** CE-0G3B-B37-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010	SW6010B					Analyst: RK
Lead	29	3.5		mg/Kg-dry	1	8/22/01 11:35:06 AM
PERCENT MOISTURE	D2216					Analyst: CLM
Percent Moisture	12.2	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-39A

**Client Sample ID:** CE-0G3B-B36-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010	SW6010B					Analyst: RK
Lead	17	3.4		mg/Kg-dry	1	8/21/01 10:07:04 PM
PERCENT MOISTURE	D2216					Analyst: CLM
Percent Moisture	10.3	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-38A

**Client Sample ID:** CE-0G3B-B35-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	16	3.4		mg/Kg-dry	1	8/21/01 9:54:07 PM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	9.3	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B33-0
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-36A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	9.7	6.7		mg/Kg-dry	2	8/22/01 11:15:09 AM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	8.1	0		wt%	1	8/21/01

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	H - Method prescribed holding time exceeded	# - See Case Narrative
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B32-0
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-35A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	17	3.3		mg/Kg-dry	1	8/21/01 9:38:57 PM
<b>PERCENT MOISTURE</b>						Analyst: CLM
Percent Moisture	9.4	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

# AMRO Environmental Laboratories Corp.

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-34A

**Client Sample ID:** CE-0G3B-B31-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	16	3.4		mg/Kg-dry	1	8/21/01 9:34:10 PM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	11.1	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B30-1
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-33A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	10	6.9		mg/Kg-dry	2	8/23/01 5:59:16 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: CLM
Percent Moisture	9.3	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	



**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0G3B-B30-0  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot **Collection Date:** 8/20/01  
**Lab ID:** 0108186-32A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	10	6.7		mg/Kg-dry	2	8/22/01 11:05:29 AM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	8.3	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B29-0
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-31A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	11	3.5		mg/Kg-dry	1	8/21/01 9:17:58 PM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	10.4	0		wt%	1	8/21/01

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	H - Method prescribed holding time exceeded	# - See Case Narrative
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-30A

**Client Sample ID:** CE-0G3B-B28-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	14	7.0		mg/Kg-dry	2	8/22/01 11:00:39 AM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	11.2	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0G3B-B27-0
<b>Lab Order:</b> 0108186	
<b>Project:</b> Seneca Army Depot	<b>Collection Date:</b> 8/20/01
<b>Lab ID:</b> 0108186-29A	<b>Matrix:</b> SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	31	3.4		mg/Kg-dry	1	8/21/01 9:07:07 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	12.0	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-28A

**Client Sample ID:** CE-0G3B-B26-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	15	6.6		mg/Kg-dry	2	8/22/01 10:55:48 AM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	10.3	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

# AMRO Environmental Laboratories Corp.

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-27A

**Client Sample ID:** CE-0G3B-B25-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010	SW6010B					Analyst: RK
Lead	13	3.3		mg/Kg-dry	1	8/21/01 8:48:23 PM
PERCENT MOISTURE	D2216					Analyst: CLM
Percent Moisture	10.0	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0G3B-B24-0  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot **Collection Date:** 8/20/01  
**Lab ID:** 0108186-26A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	15	3.3		mg/Kg-dry	1	8/21/01 8:42:48 PM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	8.6	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B23-0
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-25A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	18	3.4		mg/Kg-dry	1	8/21/01 8:37:36 PM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	10.8	0		wt%	1	8/21/01

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	H - Method prescribed holding time exceeded	# - See Case Narrative
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	



**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-24A

**Client Sample ID:** CE-0G3B-B22-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	17	3.5		mg/Kg-dry	1	8/21/01 8:32:15 PM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	13.0	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
I - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0G3B-B21-0
<b>Lab Order:</b> 0108186	
<b>Project:</b> Seneca Army Depot	<b>Collection Date:</b> 8/20/01
<b>Lab ID:</b> 0108186-23A	<b>Matrix:</b> SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	7.9	3.3		mg/Kg-dry	1	8/21/01 8:26:51 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	7.6	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

**Date:** 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-22A

**Client Sample ID:** CE-0G3B-B20-1  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						
	<b>SW6010B</b>					Analyst: <b>RK</b>
Lead	24	3.2		mg/Kg-dry	1	8/21/01 8:21:56 PM
<b>PERCENT MOISTURE</b>						
	<b>D2216</b>					Analyst: <b>CLM</b>
Percent Moisture	9.1	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

# AMRO Environmental Laboratories Corp.

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.

**Client Sample ID:** CE-0G3B-B20-0

**Lab Order:** 0108186

**Project:** Seneca Army Depot

**Collection Date:** 8/20/01

**Lab ID:** 0108186-21A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	26	3.4		mg/Kg-dry	1	8/21/01 8:17:03 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	10.1	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

H - Method prescribed holding time exceeded

# - See Case Narrative

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-20A

**Client Sample ID:** CE-0G3B-B19-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	13	3.5		mg/Kg-dry	1	8/21/01 5:28:48 PM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	12.3	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

# AMRO Environmental Laboratories Corp.

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B18-0
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-19A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	15	3.5		mg/Kg-dry	1	8/21/01 7:37:30 PM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	10.6	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-18A

**Client Sample ID:** CE-0G3B-B17-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		<b>SW6010B</b>				Analyst: RK
Lead	42	3.5		mg/Kg-dry	1	8/21/01 7:32:14 PM
PERCENT MOISTURE		<b>D2216</b>				Analyst: CLM
Percent Moisture	11.0	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-17A

**Client Sample ID:** CE-0G3B-B16-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	34	3.4		mg/Kg-dry	1	8/21/01 7:27:00 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	9.9	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	



**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-15A

**Client Sample ID:** CE-0G3B-B14-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>	<b>SW6010B</b>					Analyst: <b>RK</b>
Lead	31	3.2		mg/Kg-dry	1	8/21/01 7:15:59 PM
<b>PERCENT MOISTURE</b>	<b>D2216</b>					Analyst: <b>CLM</b>
Percent Moisture	9.2	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-13A

**Client Sample ID:** CE-0G3B-B12-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	24	3.5		mg/Kg-dry	1	8/21/01 6:58:07 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	11.2	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-12A

**Client Sample ID:** CE-0G3B-B11-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010	SW6010B					Analyst: RK
Lead	20	6.4		mg/Kg-dry	2	8/22/01 10:50:59 AM
PERCENT MOISTURE	D2216					Analyst: CLM
Percent Moisture	9.0	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-11A

**Client Sample ID:** CE-0G3B-B10-1  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	12	3.4		mg/Kg-dry	1	8/21/01 6:46:59 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	9.9	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-10A

**Client Sample ID:** CE-0G3B-B10-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	25	3.4		mg/Kg-dry	1	8/21/01 6:41:48 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: CLM
Percent Moisture	9.2	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0G3B-B09-0  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot **Collection Date:** 8/20/01  
**Lab ID:** 0108186-09A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	47	3.4		mg/Kg-dry	1	8/21/01 6:36:43 PM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	8.8	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0G3B-B08-0  
 Lab Order: 0108186  
 Project: Seneca Army Depot Collection Date: 8/20/01  
 Lab ID: 0108186-08A Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010	SW6010B					Analyst: RK
Lead	34	3.3		mg/Kg-dry	1	8/21/01 6:31:24 PM
PERCENT MOISTURE	D2216					Analyst: CLM
Percent Moisture	9.0	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0G3B-B07-0
<b>Lab Order:</b>	0108186		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/20/01
<b>Lab ID:</b>	0108186-07A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	46	6.5		mg/Kg-dry	2	8/22/01 10:46:10 AM
<b>PERCENT MOISTURE</b>						Analyst: CLM
Percent Moisture	8.5	0		wt%	1	8/21/01

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	H - Method prescribed holding time exceeded	# - See Case Narrative
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	



**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.

**Client Sample ID:** CE-0G3B-B06-0

**Lab Order:** 0108186

**Project:** Seneca Army Depot

**Collection Date:** 8/20/01

**Lab ID:** 0108186-06A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	28	3.3		mg/Kg-dry	1	8/21/01 6:20:47 PM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	9.9	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-05A

**Client Sample ID:** CE-0G3B-B05-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	31	3.5		mg/Kg-dry	1	8/21/01 6:15:31 PM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	10.5	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0G3B-B04-0  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot **Collection Date:** 8/20/01  
**Lab ID:** 0108186-04A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	22	3.4		mg/Kg-dry	1	8/21/01 6:10:14 PM
PERCENT MOISTURE			D2216			Analyst: CLM
Percent Moisture	11.2	0		wt%	1	8/21/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-03A

**Client Sample ID:** CE-0G3B-B03-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	29	3.4		mg/Kg-dry	1	8/21/01 5:57:42 PM
PERCENT MOISTURE		D2216				Analyst: CLM
Percent Moisture	11.6	0		wt%	1	8/21/01

**Qualifiers:**

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- H - Method prescribed holding time exceeded
- RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 27-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108186  
**Project:** Seneca Army Depot  
**Lab ID:** 0108186-02A

**Client Sample ID:** CE-0G3B-B02-0  
**Collection Date:** 8/20/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	15	11		mg/Kg-dry	3	8/22/01 10:41:31 AM
PERCENT MOISTURE						Analyst: CLM
Percent Moisture	15.7	0		wt%	1	8/21/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot  
**Lab ID:** 0108281-17A

**Client Sample ID:** CE-0J3B-B34-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	16	3.5		mg/Kg-dry	1	8/30/01 8:59:22 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	13.1	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot  
**Lab ID:** 0108281-16A

**Client Sample ID:** CE-0J3B-B33-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	11	3.4		mg/Kg-dry	1	8/30/01 8:54:46 PM
PERCENT MOISTURE			D2216			Analyst: JSL
Percent Moisture	11.5	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0J3B-B32-0  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot **Collection Date:** 8/29/01  
**Lab ID:** 0108281-15A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	25	3.4		mg/Kg-dry	1	8/30/01 8:50:01 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	9.8	0		wt%	1	8/30/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.



# AMRO Environmental Laboratories Corp.

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.

**Client Sample ID:** CE-0J3B-B31-0

**Lab Order:** 0108281

**Project:** Seneca Army Depot

**Collection Date:** 8/29/01

**Lab ID:** 0108281-14A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	27	3.4		mg/Kg-dry	1	8/30/01 8:45:03 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	10.8	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

H - Method prescribed holding time exceeded

# - See Case Narrative

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot  
**Lab ID:** 0108281-13A

**Client Sample ID:** CE-0J3B-B30-1  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	27	3.3		mg/Kg-dry	1	8/30/01 8:40:21 PM
PERCENT MOISTURE			D2216			Analyst: JSL
Percent Moisture	9.7	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.

**Client Sample ID:** CE-0J3B-B30-0

**Lab Order:** 0108281

**Project:** Seneca Army Depot

**Collection Date:** 8/29/01

**Lab ID:** 0108281-12A

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	27	3.4		mg/Kg-dry	1	8/30/01 8:35:40 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JSL
Percent Moisture	10.3	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

**Date:** 31-Aug-01

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0J3B-B29-0
<b>Lab Order:</b> 0108281	
<b>Project:</b> Seneca Army Depot	<b>Collection Date:</b> 8/29/01
<b>Lab ID:</b> 0108281-11A	<b>Matrix:</b> SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	19	3.4		mg/Kg-dry	1	8/30/01 8:30:56 PM
PERCENT MOISTURE			D2216			Analyst: JSL
Percent Moisture	10.2	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot  
**Lab ID:** 0108281-06A

**Client Sample ID:** CE-0J3B-B24-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						
	<b>SW6010B</b>					Analyst: RK
Lead	16	3.4		mg/Kg-dry	1	8/30/01 7:59:22 PM
<b>PERCENT MOISTURE</b>						
	<b>D2216</b>					Analyst: JSL
Percent Moisture	11.4	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot  
**Lab ID:** 0108281-04A

**Client Sample ID:** CE-0J3B-B22-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	12	3.5		mg/Kg-dry	1	8/30/01 7:49:47 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JSL
Percent Moisture	11.9	0		wt%	1	8/30/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0J3B-B21-0  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot **Collection Date:** 8/29/01  
**Lab ID:** 0108281-03A **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	12	3.4		mg/Kg-dry	1	8/30/01 7:45:11 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	10.7	0		wt%	1	8/30/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0J3B-B20-1
<b>Lab Order:</b>	0108281		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/29/01
<b>Lab ID:</b>	0108281-02A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>			<b>SW6010B</b>			Analyst: RK
Lead	17	3.5		mg/Kg-dry	1	8/30/01 7:40:33 PM
<b>PERCENT MOISTURE</b>			<b>D2216</b>			Analyst: JSL
Percent Moisture	14.1	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	



**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0J3B-B20-0
<b>Lab Order:</b>	0108281		
<b>Project:</b>	Seneca Army Depot	<b>Collection Date:</b>	8/29/01
<b>Lab ID:</b>	0108281-01A	<b>Matrix:</b>	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	18	3.6		mg/Kg-dry	1	8/30/01 7:35:57 PM
<b>PERCENT MOISTURE</b>						Analyst: JSL
Percent Moisture	13.6	0		wt%	1	8/30/01

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	H - Method prescribed holding time exceeded	# - See Case Narrative
	RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 31-Aug-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108281  
**Project:** Seneca Army Depot  
**Lab ID:** 0108281-18A

**Client Sample ID:** CE-0J3B-B19-0 MS/MSD  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>			<b>SW6010B</b>			Analyst: RK
Lead	16	3.5		mg/Kg-dry	1	8/30/01 7:09:34 PM
<b>PERCENT MOISTURE</b>			<b>D2216</b>			Analyst: JSL
Percent Moisture	12.5	0		wt%	1	8/30/01

**Qualifiers:**

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- H - Method prescribed holding time exceeded
- RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-19A

**Client Sample ID:** CE-0J3B-B18-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	23	3.5		mg/Kg-dry	1	8/30/01 6:52:49 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	11.2	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-18A

**Client Sample ID:** CE-0J3B-B17-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	12	3.4		mg/Kg-dry	1	8/30/01 6:47:55 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JSL
Percent Moisture	9.9	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-17A

**Client Sample ID:** CE-0J3B-B16-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	17	3.4		mg/Kg-dry	1	8/30/01 6:43:15 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	12.3	0		wt%	1	8/30/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-16A

**Client Sample ID:** CE-0J3B-B15-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	29	3.6		mg/Kg-dry	1	8/30/01 6:38:32 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	15.1	0		wt%	1	8/30/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

CLIENT: Roy F. Weston, Inc. Client Sample ID: CE-0J3B-B13-0  
 Lab Order: 0108282  
 Project: Seneca Army Depot Collection Date: 8/29/01  
 Lab ID: 0108282-14A Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	24	3.5		mg/Kg-dry	1	8/30/01 6:21:35 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	13.9	0		wt%	1	8/30/01

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 H - Method prescribed holding time exceeded # - See Case Narrative  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-06A

**Client Sample ID:** CE-0J3B-B06-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	22	3.5		mg/Kg-dry	1	8/30/01 5:43:33 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	11.9	0		wt%	1	8/30/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative



**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-05A

**Client Sample ID:** CE-0J3B-B05-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	19	3.5		mg/Kg-dry	1	8/30/01 5:38:52 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	14.1	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-04A

**Client Sample ID:** CE-0J3B-B04-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>RK</b>
Lead	17	3.5		mg/Kg-dry	1	8/30/01 5:26:39 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JSL</b>
Percent Moisture	12.0	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-03A

**Client Sample ID:** CE-0J3B-B03-0  
**Collection Date:** 8/29/01  
**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	15	3.3		mg/Kg-dry	1	8/30/01 5:21:57 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	11.0	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

**CLIENT:** Roy F. Weston, Inc.  
**Lab Order:** 0108282  
**Project:** Seneca Army Depot  
**Lab ID:** 0108282-02A

**Client Sample ID:** CE-0J3B-B02-0

**Collection Date:** 8/29/01

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>RK</b>
Lead	18	3.5		mg/Kg-dry	1	8/30/01 5:17:14 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JSL</b>
Percent Moisture	12.9	0		wt%	1	8/30/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 H - Method prescribed holding time exceeded  
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 # - See Case Narrative

**AMRO Environmental Laboratories Corp.**

Date: 04-Sep-01

CLIENT: Roy F. Weston, Inc.  
 Lab Order: 0108282  
 Project: Seneca Army Depot  
 Lab ID: 0108282-01A

Client Sample ID: CE-0J3B-B01-0  
 Collection Date: 8/29/01  
 Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	12	3.5		mg/Kg-dry	1	8/30/01 4:58:43 PM
PERCENT MOISTURE		D2216				Analyst: JSL
Percent Moisture	12.5	0		wt%	1	8/30/01

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
H - Method prescribed holding time exceeded	# - See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.	

# AMRO Environmental Laboratories Corp.

Date: 22-Oct-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0110195

**Lab ID:** 0110195-04  
**Client Sample ID:** CE-0H3B-017-0

**Collection Date:** 10/17/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	390	3.5		mg/Kg-dry	1	10/19/01 7:04:39 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	13.1	0		wt%	1	10/22/01

**Lab ID:** 0110195-05  
**Client Sample ID:** CE-0H3B-018-0

**Collection Date:** 10/17/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	20	3.8		mg/Kg-dry	1	10/19/01 7:10:40 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	17.5	0		wt%	1	10/19/01

**Lab ID:** 0110195-06  
**Client Sample ID:** CE-0H3B-019-0

**Collection Date:** 10/17/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	39	3.6		mg/Kg-dry	1	10/19/01 7:24:22 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	15.4	0		wt%	1	10/19/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 22-Oct-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0110195

**Lab ID:** 0110195-01  
**Client Sample ID:** CE-0H3B-014-0

**Collection Date:** 10/17/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	40	3.4		mg/Kg-dry	1	10/19/01 6:32:15 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	13.1	0		wt%	1	10/19/01

**Lab ID:** 0110195-02<sup>13</sup>  
**Client Sample ID:** CE-0H3B-015-0

**Collection Date:** 10/17/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	17	3.4		mg/Kg-dry	1	10/19/01 6:53:11 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	11.5	0		wt%	1	10/19/01

**Lab ID:** 0110195-03<sup>13</sup>  
**Client Sample ID:** CE-0H3B-016-0

**Collection Date:** 10/17/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	56	3.3		mg/Kg-dry	1	10/19/01 6:58:15 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	12.4	0		wt%	1	10/22/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 25-Oct-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0110228

**Lab ID:** 0110228-04  
**Client Sample ID:** CE-0G3B-B44-0

**Collection Date:** 10/22/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	13	2.8		mg/Kg-dry	1	10/24/01 6:40:05 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	10.6	0		wt%	1	10/24/01

**Lab ID:** 0110228-05  
**Client Sample ID:** CE-0G3B-B45-0

**Collection Date:** 10/22/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	11	2.8		mg/Kg-dry	1	10/24/01 6:46:27 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	10.8	0		wt%	1	10/24/01

**Lab ID:** 0110228-06  
**Client Sample ID:** CE-0G3B-B45-1

**Collection Date:** 10/22/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	13	2.8		mg/Kg-dry	1	10/24/01 5:50:44 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	10.5	0		wt%	1	10/24/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**AMRO Environmental Laboratories Corp.**

Date: 25-Oct-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0110228

**Lab ID:** 0110228-01 **Collection Date:** 10/22/01  
**Client Sample ID:** CE-0G3B-B42-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	12	2.9		mg/Kg-dry	1	10/24/01 6:24:19 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	14.8	0		wt%	1	10/24/01

**Lab ID:** 0110228-02 **Collection Date:** 10/22/01  
**Client Sample ID:** CE-0G3B-B42-1 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	14	3.0		mg/Kg-dry	1	10/24/01 6:29:15 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	15.3	0		wt%	1	10/24/01

**Lab ID:** 0110228-03 **Collection Date:** 10/22/01  
**Client Sample ID:** CE-0G3B-B43-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	9.0	2.8		mg/Kg-dry	1	10/24/01 6:34:14 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	11.1	0		wt%	1	10/24/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 29-Oct-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0110255

**Lab ID:** 0110255-07, 5P  
**Client Sample ID:** CE-0J3B-040-0

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	5.2	3.4		mg/Kg-dry	1	10/26/01 8:23:44 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: RK
Percent Moisture	13.8	0		wt%	1	10/29/01

**Lab ID:** 0110255-08, 5P  
**Client Sample ID:** CE-0J3B-041-0

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	6.4	3.8		mg/Kg-dry	1	10/26/01 8:28:45 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: RK
Percent Moisture	22.9	0		wt%	1	10/29/01

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 29-Oct-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0110255

**Lab ID:** 0110255-04  
**Client Sample ID:** CE-0J3B-037-1

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	6.5	3.1		mg/Kg-dry	1	10/26/01 8:07:36 PM
PERCENT MOISTURE		D2216				Analyst: RK
Percent Moisture	4.2	0		wt%	1	10/29/01

**Lab ID:** 0110255-05  
**Client Sample ID:** CE-0J3B-038-0

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	11	3.4		mg/Kg-dry	1	10/26/01 8:12:38 PM
PERCENT MOISTURE		D2216				Analyst: RK
Percent Moisture	14.2	0		wt%	1	10/29/01

**Lab ID:** 0110255-06  
**Client Sample ID:** CE-0J3B-039-0

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	9.1	3.6		mg/Kg-dry	1	10/26/01 8:18:44 PM
PERCENT MOISTURE		D2216				Analyst: RK
Percent Moisture	14.0	0		wt%	1	10/29/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 29-Oct-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0110255

**Lab ID:** 0110255-01 <sup>SP</sup>  
**Client Sample ID:** CE-0J3B-035-0

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	22	4.0		mg/Kg-dry	1	10/26/01 7:27:33 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: RK
Percent Moisture	24.1	0		wt%	1	10/29/01

**Lab ID:** 0110255-02 <sup>SP</sup>  
**Client Sample ID:** CE-0J3B-036-0

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	7.2	3.4		mg/Kg-dry	1	10/26/01 7:48:03 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: RK
Percent Moisture	8.7	0		wt%	1	10/29/01

**Lab ID:** 0110255-03 <sup>SP</sup>  
**Client Sample ID:** CE-0J3B-037-0

**Collection Date:** 10/24/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	5.3	3.2		mg/Kg-dry	1	10/26/01 7:53:55 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: RK
Percent Moisture	9.1	0		wt%	1	10/29/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 05-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111012

**Lab ID:** 0111012-10  
**Client Sample ID:** CE-ORC1-S55-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	20	3.4		mg/Kg-dry	1	11/2/01 5:48:09 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	11.7	0		wt%	1	11/2/01

**Lab ID:** 0111012-11  
**Client Sample ID:** CE-ORC1-S57-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	24	3.2		mg/Kg-dry	1	11/2/01 7:02:45 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	7.5	0		wt%	1	11/2/01

**Lab ID:** 0111012-12  
**Client Sample ID:** CE-ORC1-S58-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	23	3.8		mg/Kg-dry	1	11/2/01 7:16:21 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	17.4	0		wt%	1	11/2/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 05-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111012

**Lab ID:** 0111012-07  
**Client Sample ID:** CE-ORC1-S54-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	8,300	3.7		mg/Kg-dry	1	11/2/01 6:47:12 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	15.5	0		wt%	1	11/2/01

**Lab ID:** 0111012-08  
**Client Sample ID:** CE-ORC1-S53-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	430	3.7		mg/Kg-dry	1	11/2/01 6:52:34 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	16.1	0		wt%	1	11/2/01

**Lab ID:** 0111012-09  
**Client Sample ID:** CE-0C1P-B21-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	25	3.2		mg/Kg-dry	1	11/2/01 6:57:47 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	10.4	0		wt%	1	11/2/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 05-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111012

**Lab ID:** 0111012-04  
**Client Sample ID:** CE-0C1P-S15-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	13	3.5		mg/Kg-dry	1	11/2/01 6:32:13 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	11.5	0		wt%	1	11/2/01

**Lab ID:** 0111012-05  
**Client Sample ID:** CE-0C1P-S15-1

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	16	3.4		mg/Kg-dry	1	11/2/01 6:37:18 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	12.7	0		wt%	1	11/2/01

**Lab ID:** 0111012-06  
**Client Sample ID:** CE-ORC1-B22-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	23	3.6		mg/Kg-dry	1	11/2/01 6:42:12 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	17.8	0		wt%	1	11/2/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 05-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111012

**Lab ID:** 0111012-01  
**Client Sample ID:** CE-0C1P-B06-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	25	3.4		mg/Kg-dry	1	11/2/01 6:16:59 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	12.5	0		wt%	1	11/2/01

**Lab ID:** 0111012-02  
**Client Sample ID:** CE-0C1P-B07-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	6.8	3.8		mg/Kg-dry	1	11/2/01 6:21:52 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	18.0	0		wt%	1	11/2/01

**Lab ID:** 0111012-03  
**Client Sample ID:** CE-0C1P-S14-0

**Collection Date:** 10/31/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	23	3.5		mg/Kg-dry	1	11/2/01 6:27:19 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	11.0	0		wt%	1	11/2/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



# AMRO Environmental Laboratories Corp.

Date: 06-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111035

**Lab ID:** 0111035-19  
**Client Sample ID:** CE-ORE1-S16-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	100	3.4		mg/Kg-dry	1	11/5/01 11:51:02 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	10.0	0		wt%	1	11/3/01

**Lab ID:** 0111035-20  
**Client Sample ID:** CE-ORE1-S17-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	770	3.5		mg/Kg-dry	1	11/5/01 11:56:09 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	13.3	0		wt%	1	11/3/01

**Lab ID:** 0111035-21  
**Client Sample ID:** CE-ORE1-S18-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	33	3.5		mg/Kg-dry	1	11/5/01 12:08:51 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	12.9	0		wt%	1	11/3/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 06-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111035

**Lab ID:** 0111035-13  
**Client Sample ID:** CE-ORG1-S07-1

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	140	3.2		mg/Kg-dry	1	11/5/01 11:14:31 AM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	7.7	0		wt%	1	11/3/01

**Lab ID:** 0111035-14  
**Client Sample ID:** CE-LLH3-B01-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	14	3.6		mg/Kg-dry	1	11/5/01 11:19:30 AM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	13.5	0		wt%	1	11/3/01

**Lab ID:** 0111035-15  
**Client Sample ID:** CE-LLH3-B02-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	680	3.8		mg/Kg-dry	1	11/5/01 11:31:45 AM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	20.5	0		wt%	1	11/3/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 06-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111035

**Lab ID:** 0111035-10  
**Client Sample ID:** CE-0H3B-B20-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	2.6	3.4	J	mg/Kg-dry	1	11/5/01 11:00:40 AM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	9.4	0		wt%	1	11/3/01

**Lab ID:** 0111035-11  
**Client Sample ID:** CE-0H3B-B20-1

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	3.2	3.3	J	mg/Kg-dry	1	11/5/01 11:05:12 AM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	9.2	0		wt%	1	11/3/01

**Lab ID:** 0111035-12  
**Client Sample ID:** CE-0RG1-S07-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	250	3.1		mg/Kg-dry	1	11/5/01 11:09:37 AM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	3.9	0		wt%	1	11/3/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 06-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111035

**Lab ID:** 0111035-07  
**Client Sample ID:** CE-0RA2-S05-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	27	3.6		mg/Kg-dry	1	11/5/01 10:51:09 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	12.9	0		wt%	1	11/3/01

**Lab ID:** 0111035-08  
**Client Sample ID:** CE-0RC1-S60-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	21	3.3		mg/Kg-dry	1	11/5/01 10:55:55 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	7.4	0		wt%	1	11/3/01

**Lab ID:** 0111035-09  
**Client Sample ID:** CE-0RC1-0S62-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	16	3.3		mg/Kg-dry	1	11/5/01 9:55:53 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	11.1	0		wt%	1	11/3/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 06-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111035

**Lab ID:** 0111035-04  
**Client Sample ID:** CE-0RC1-S56-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** SW6010B Analyst: RK

Lead	20	3.4		mg/Kg-dry	1	11/5/01 10:36:56 AM
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**PERCENT MOISTURE** D2216 Analyst: JC

Percent Moisture	10.6	0		wt%	1	11/3/01
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**Lab ID:** 0111035-05  
**Client Sample ID:** CE-0RC1-B23-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** SW6010B Analyst: RK

Lead	21	3.3		mg/Kg-dry	1	11/5/01 10:41:39 AM
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**PERCENT MOISTURE** D2216 Analyst: JC

Percent Moisture	9.3	0		wt%	1	11/3/01
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**Lab ID:** 0111035-06  
**Client Sample ID:** CE-0RC1-B24-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** SW6010B Analyst: RK

Lead	23	3.2		mg/Kg-dry	1	11/5/01 10:46:24 AM
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**PERCENT MOISTURE** D2216 Analyst: JC

Percent Moisture	8.7	0		wt%	1	11/3/01
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 06-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111035

**Lab ID:** 0111035-01  
**Client Sample ID:** CE-0A3B-B03-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	20	3.4		mg/Kg-dry	1	11/5/01 10:14:46 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	10.5	0		wt%	1	11/3/01

**Lab ID:** 0111035-02  
**Client Sample ID:** CE-0B1P-S09-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	1,700	3.4		mg/Kg-dry	1	11/5/01 10:19:28 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	8.3	0		wt%	1	11/3/01

**Lab ID:** 0111035-03  
**Client Sample ID:** CE-0RB1-B02-0

**Collection Date:** 11/2/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	19	3.4		mg/Kg-dry	1	11/5/01 10:24:38 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	11.2	0		wt%	1	11/3/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 16-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111144

**Lab ID:** 0111144-22  
**Client Sample ID:** CE-0J3B-B46-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	11	3.5		mg/Kg-dry	1	11/15/01 9:42:02 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	11.5	0		wt%	1	11/15/01

**Lab ID:** 0111144-23  
**Client Sample ID:** CE-0J3B-B47-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	330	3.4		mg/Kg-dry	1	11/15/01 9:55:53 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	8.5	0		wt%	1	11/15/01

**Lab ID:** 0111144-24  
**Client Sample ID:** CE-LLH3-B03-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	93	4.2		mg/Kg-dry	1	11/15/01 6:41:51 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	26.0	0		wt%	1	11/15/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 16-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111144

**Lab ID:** 0111144-19  
**Client Sample ID:** CE-0J3B-B43-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	9.7	3.4		mg/Kg-dry	1	11/15/01 9:00:35 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	9.8	0		wt%	1	11/15/01

**Lab ID:** 0111144-20  
**Client Sample ID:** CE-0J3B-B44-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	6.7	3.0		mg/Kg-dry	1	11/15/01 9:13:42 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	1.2	0		wt%	1	11/15/01

**Lab ID:** 0111144-21  
**Client Sample ID:** CE-0J3B-B45-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	5.5	3.3		mg/Kg-dry	1	11/15/01 9:36:42 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	7.3	0		wt%	1	11/15/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**AMRO Environmental Laboratories Corp.**

Date: 16-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111144

**Lab ID:** 0111144-13  
**Client Sample ID:** CE-0B1P-S10-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	53	3.2		mg/Kg-dry	1	11/15/01 8:21:35 PM
PERCENT MOISTURE						Analyst: JC
Percent Moisture	4.7	0		wt%	1	11/15/01

**Lab ID:** 0111144-14  
**Client Sample ID:** CE-0B1P-S11-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	200	3.7		mg/Kg-dry	1	11/15/01 8:26:59 PM
PERCENT MOISTURE						Analyst: JC
Percent Moisture	16.7	0		wt%	1	11/15/01

**Lab ID:** 0111144-15  
**Client Sample ID:** CE-0B1P-S11-1

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	230	3.8		mg/Kg-dry	1	11/15/01 8:32:05 PM
PERCENT MOISTURE						Analyst: JC
Percent Moisture	18.9	0		wt%	1	11/15/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 16-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111144

**Lab ID:** 0111144-10  
**Client Sample ID:** CE-0RC1-S64-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	28	3.6		mg/Kg-dry	1	11/15/01 8:05:34 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JC</b>
Percent Moisture	14.8	0		wt%	1	11/15/01

**Lab ID:** 0111144-11  
**Client Sample ID:** CE-0RC1-S66-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	21	3.4		mg/Kg-dry	1	11/15/01 8:11:22 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JC</b>
Percent Moisture	14.1	0		wt%	1	11/15/01

**Lab ID:** 0111144-12  
**Client Sample ID:** CE-0RC1-S71-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	11	3.4		mg/Kg-dry	1	11/15/01 8:16:28 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JC</b>
Percent Moisture	11.7	0		wt%	1	11/15/01

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 16-Nov-01

**CLIENT:** Roy F. Weston, Inc. **Lab Order:** 0111144  
**Project:** Seneca Army Depot

**Lab ID:** 0111144-07 **Collection Date:** 11/13/01  
**Client Sample ID:** CE-ORCI-~~B~~29-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	22	3.6		mg/Kg-dry	1	11/15/01 7:41:34 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	13.0	0		wt%	1	11/15/01

**Lab ID:** 0111144-08 **Collection Date:** 11/13/01  
**Client Sample ID:** CE-ORCI-~~B~~30-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	12	3.6		mg/Kg-dry	1	11/15/01 7:54:42 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	14.4	0		wt%	1	11/15/01

**Lab ID:** 0111144-09 **Collection Date:** 11/13/01  
**Client Sample ID:** CE-ORCI-S63-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	20	3.4		mg/Kg-dry	1	11/15/01 7:59:51 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	8.7	0		wt%	1	11/15/01

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 16-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111144

**Lab ID:** 0111144-04  
**Client Sample ID:** CE-ORG1-S08-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	27	3.3		mg/Kg-dry	1	11/15/01 7:24:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JC</b>
Percent Moisture	8.3	0		wt%	1	11/15/01

**Lab ID:** 0111144-05  
**Client Sample ID:** CE-ORG1-S08-1

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	22	3.3		mg/Kg-dry	1	11/15/01 7:30:29 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JC</b>
Percent Moisture	7.8	0		wt%	1	11/15/01

**Lab ID:** 0111144-06  
**Client Sample ID:** CE-ORC1-B28-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	170	3.7		mg/Kg-dry	1	11/15/01 7:36:22 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JC</b>
Percent Moisture	17.6	0		wt%	1	11/15/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 16-Nov-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0111144

**Lab ID:** 0111144-01  
**Client Sample ID:** CE-ORE1-B04-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	16	3.6		mg/Kg-dry	1	11/15/01 7:09:54 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	14.2	0		wt%	1	11/15/01

**Lab ID:** 0111144-02  
**Client Sample ID:** CE-ORE1-S19-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	20	3.3		mg/Kg-dry	1	11/15/01 7:14:47 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	8.6	0		wt%	1	11/15/01

**Lab ID:** 0111144-03  
**Client Sample ID:** CE-ORE1-S20-0

**Collection Date:** 11/13/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	47	3.6		mg/Kg-dry	1	11/15/01 7:19:44 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	17.4	0		wt%	1	11/15/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112001

**Lab ID:** 0112001-10  
**Client Sample ID:** CE-0RE1-S21-0

**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	11	14	J	mg/Kg-dry	1	12/3/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	13.8	0		wt%	1	12/1/01

**Lab ID:** 0112001-11  
**Client Sample ID:** CE-LLH3-B04-0

**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	26	15		mg/Kg-dry	1	12/3/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	15.3	0		wt%	1	12/1/01

**Lab ID:** 0112001-12  
**Client Sample ID:** CE-0E3B-B01-0

**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	1,700	14		mg/Kg-dry	1	12/3/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	13.1	0		wt%	1	12/1/01

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112001

**Lab ID:** 0112001-07 **Collection Date:** 11/30/01  
**Client Sample ID:** CE-0D1B-B08-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	4,300	14		mg/Kg-dry	1	12/3/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	15.5	0		wt%	1	12/1/01

**Lab ID:** 0112001-08 **Collection Date:** 11/30/01  
**Client Sample ID:** CE-0RD1-B03-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	14	14	J	mg/Kg-dry	1	12/3/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	16.5	0		wt%	1	12/1/01

**Lab ID:** 0112001-09 **Collection Date:** 11/30/01  
**Client Sample ID:** CE-0RD1-B04-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	11	16	J	mg/Kg-dry	1	12/3/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JC
Percent Moisture	20.9	0		wt%	1	12/1/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112001

**Lab ID:** 0112001-04  
**Client Sample ID:** CE-0B1P-B05-0

**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	26	14		mg/Kg-dry	1	12/3/01
PERCENT MOISTURE			D2216			Analyst: JC
Percent Moisture	13.1	0		wt%	1	12/1/01

**Lab ID:** 0112001-05  
**Client Sample ID:** CE-0B1P-B06-0

**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	100	14		mg/Kg-dry	1	12/3/01
PERCENT MOISTURE			D2216			Analyst: JC
Percent Moisture	16.3	0		wt%	1	12/1/01

**Lab ID:** 0112001-06  
**Client Sample ID:** CE-0RC1-S72-0

**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B			Analyst: RK
Lead	23	15		mg/Kg-dry	1	12/3/01
PERCENT MOISTURE			D2216			Analyst: JC
Percent Moisture	14.7	0		wt%	1	12/1/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112001

**Lab ID:** 0112001-01  
**Client Sample ID:** CE-0B1P-S13-0  
**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	18	15		mg/Kg-dry	1	12/3/01
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	16.1	0		wt%	1	12/1/01

**Lab ID:** 0112001-02  
**Client Sample ID:** CE-0B1P-S13-1  
**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	13	15	J	mg/Kg-dry	1	12/3/01
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	16.7	0		wt%	1	12/1/01

**Lab ID:** 0112001-03  
**Client Sample ID:** CE-0B1P-S14-0  
**Collection Date:** 11/30/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	27	14		mg/Kg-dry	1	12/3/01
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	13.4	0		wt%	1	12/1/01

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 06-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112030

**Lab ID:** 0112030-07  
**Client Sample ID:** CE-0RC1-B31-0

**Collection Date:** 12/4/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	15	14		mg/Kg-dry	1	12/5/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JTS
Percent Moisture	13.8	0		wt%	1	12/5/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 06-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112030

**Lab ID:** 0112030-04  
**Client Sample ID:** CE-0E1B-B11-0

**Collection Date:** 12/4/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	8.4	13	J	mg/Kg-dry	1	12/5/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JTS
Percent Moisture	10.6	0		wt%	1	12/5/01

**Lab ID:** 0112030-05  
**Client Sample ID:** CE-0E1B-S11-0

**Collection Date:** 12/4/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	40	15		mg/Kg-dry	1	12/5/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JTS
Percent Moisture	15.5	0		wt%	1	12/5/01

**Lab ID:** 0112030-06  
**Client Sample ID:** CE-0E1B-B12-0

**Collection Date:** 12/4/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	33	14		mg/Kg-dry	1	12/5/01
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JTS
Percent Moisture	14.6	0		wt%	1	12/5/01

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 17-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112117

**Lab ID:** 0112117-10  
**Client Sample ID:** CE-0D1P-B09-1

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	95	3.3		mg/Kg-dry	1	12/14/01 3:43:27 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	9.2	0		wt%	1	12/14/01

**Lab ID:** 0112117-11  
**Client Sample ID:** CE-0J3B-B48-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	ND	3.5		mg/Kg-dry	1	12/14/01 3:49:25 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	14.6	0		wt%	1	12/14/01

013

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 17-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112117

**Lab ID:** 0112117-07  
**Client Sample ID:** CE-0E3B-B12-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	43	3.8		mg/Kg-dry	1	12/14/01 3:26:20 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	18.4	0		wt%	1	12/14/01

**Lab ID:** 0112117-08  
**Client Sample ID:** CE-0E3B-B13-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	150	3.6		mg/Kg-dry	1	12/14/01 3:31:38 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	13.6	0		wt%	1	12/14/01

**Lab ID:** 0112117-09  
**Client Sample ID:** CE-0D1P-B09-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	66	3.3		mg/Kg-dry	1	12/14/01 3:37:15 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	9.8	0		wt%	1	12/14/01

012

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 17-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112117

**Lab ID:** 0112117-04  
**Client Sample ID:** CE-0E3B-B09-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	530	3.6		mg/Kg-dry	1	12/14/01 3:10:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	15.8	0		wt%	1	12/14/01

**Lab ID:** 0112117-05  
**Client Sample ID:** CE-0E3B-B10-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	300	3.6		mg/Kg-dry	1	12/14/01 3:15:36 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	15.4	0		wt%	1	12/14/01

**Lab ID:** 0112117-06  
**Client Sample ID:** CE-0E3B-B11-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	31	3.6		mg/Kg-dry	1	12/14/01 3:20:59 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	17.4	0		wt%	1	12/14/01

011

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 17-Dec-01

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0112117

**Lab ID:** 0112117-01  
**Client Sample ID:** CE-0E1B-S12-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	16,000	36		mg/Kg-dry	10	12/14/01 2:50:01 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	13.1	0		wt%	1	12/14/01

**Lab ID:** 0112117-02  
**Client Sample ID:** CE-0E3B-B07-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	24	3.6		mg/Kg-dry	1	12/14/01 2:22:57 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	15.1	0		wt%	1	12/14/01

**Lab ID:** 0112117-03  
**Client Sample ID:** CE-0E3B-B08-0

**Collection Date:** 12/12/01  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	20	3.6		mg/Kg-dry	1	12/14/01 2:56:33 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	17.9	0		wt%	1	12/14/01

010

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

# AMRO Environmental Laboratories Corp.

Date: 16-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201103

**Lab ID:** 0201103-22 **Collection Date:** 1/11/02

**Client Sample ID:** CE-0F1B-B14-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	140 J <sup>54</sup>	4.2		mg/Kg-dry	1	1/15/02 9:39:07 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	25.9	0		wt%	1	1/15/02

**Lab ID:** 0201103-23 **Collection Date:** 1/11/02

**Client Sample ID:** CE-0F1B-B15-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	51 J <sup>54</sup>	4.0		mg/Kg-dry	1	1/15/02 9:44:27 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	25.0	0		wt%	1	1/15/02

**Lab ID:** 0201103-24 **Collection Date:** 1/11/02

**Client Sample ID:** CE-0F1B-B15-1 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	80 J <sup>54</sup>	4.1		mg/Kg-dry	1	1/15/02 9:49:38 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	24.8	0		wt%	1	1/15/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**AMRO Environmental Laboratories Corp.**

Date: 16-Jan-02

CLIENT: Roy F. Weston, Inc.  
Project: Seneca Army Depot

Lab Order: 0201103

Lab ID: 0201103-19		Collection Date: 1/11/02		
Client Sample ID: CE-0F1B-B11-0		Matrix: SOIL		
Analyses	Result	Limit Qual Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B	Analyst: RK
Lead	32 J <sup>-54</sup>	3.8 mg/Kg-dry	1	1/15/02 8:43:43 PM
PERCENT MOISTURE			D2216	Analyst: JC
Percent Moisture	20.7	0 wt%	1	1/15/02

Lab ID: 0201103-20		Collection Date: 1/11/02		
Client Sample ID: CE-0F1B-B12-0		Matrix: SOIL		
Analyses	Result	Limit Qual Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B	Analyst: RK
Lead	4.8 J <sup>-54</sup>	3.5 mg/Kg-dry	1	1/15/02 8:57:22 PM
PERCENT MOISTURE			D2216	Analyst: JC
Percent Moisture	15.1	0 wt%	1	1/15/02

Lab ID: 0201103-21		Collection Date: 1/11/02		
Client Sample ID: CE-0F1B-B13-0		Matrix: SOIL		
Analyses	Result	Limit Qual Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010			SW6010B	Analyst: RK
Lead	220 J <sup>-54</sup>	4.0 mg/Kg-dry	1	1/15/02 9:33:46 PM
PERCENT MOISTURE			D2216	Analyst: JC
Percent Moisture	22.8	0 wt%	1	1/15/02

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 16-Jan-02

CLIENT: Roy F. Weston, Inc.  
Project: Seneca Army Depot

Lab Order: 0201103

Lab ID: 0201103-16 Collection Date: 1/11/02  
Client Sample ID: CE-0F1B-B08-0 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	35 J <sup>54</sup>	4.0		mg/Kg-dry	1	1/15/02 8:27:28 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	22.0	0		wt%	1	1/15/02

Lab ID: 0201103-17 Collection Date: 1/11/02  
Client Sample ID: CE-0F1B-B09-0 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	280 J <sup>54</sup>	3.6		mg/Kg-dry	1	1/15/02 8:32:49 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	20.5	0		wt%	1	1/15/02

Lab ID: 0201103-18 Collection Date: 1/11/02  
Client Sample ID: CE-0F1B-B10-0 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	270 J <sup>54</sup>	3.7		mg/Kg-dry	1	1/15/02 8:38:11 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	22.2	0		wt%	1	1/15/02

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 16-Jan-02

CLIENT: Roy F. Weston, Inc.  
Project: Sencca Army Depot

Lab Order: 0201103

Lab ID: 0201103-13  
Client Sample ID: CE-0F1B-B05-1

Collection Date: 1/11/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	11 J <sup>54</sup>	3.6		mg/Kg-dry	1	1/15/02 8:02:11 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	12.9	0		wt%	1	1/15/02

Lab ID: 0201103-14  
Client Sample ID: CE-0F1B-B06-0

Collection Date: 1/11/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	30 J <sup>54</sup>	3.9		mg/Kg-dry	1	1/15/02 8:16:10 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	21.1	0		wt%	1	1/15/02

Lab ID: 0201103-15  
Client Sample ID: CE-0F1B-B07-0

Collection Date: 1/11/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	24 J <sup>54</sup>	4.0		mg/Kg-dry	1	1/15/02 8:21:29 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	24.2	0		wt%	1	1/15/02

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 16-Jan-02

CLIENT: Roy F. Weston, Inc.  
Project: Seneca Army Depot

Lab Order: 0201103

Lab ID: 0201103-10  
Client Sample ID: CE-0F1B-B03-0

Collection Date: 1/11/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	180 J <sup>54</sup>	4.0		mg/Kg-dry	1	1/15/02 7:51:15 PM
PERCENT MOISTURE						Analyst: JC
Percent Moisture	25.8	0		wt%	1	1/15/02

Lab ID: 0201103-11  
Client Sample ID: CE-0F1B-B04-0 MS/MSD

Collection Date: 1/11/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	46 J <sup>54</sup>	4.2		mg/Kg-dry	1	1/15/02 8:25:40 PM
PERCENT MOISTURE						Analyst: JC
Percent Moisture	28.7	0		wt%	1	1/15/02

Lab ID: 0201103-12  
Client Sample ID: CE-0F1B-B05-0

Collection Date: 1/11/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: RK
Lead	12 J <sup>54</sup>	3.3		mg/Kg-dry	1	1/15/02 7:58:34 PM
PERCENT MOISTURE						Analyst: JC
Percent Moisture	12.0	0		wt%	1	1/15/02

Qualifiers:  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 16-Jan-02

CLIENT: Roy F. Weston, Inc.  
Project: Seneca Army Depot

Lab Order: 0201103

Lab ID: 0201103-04 Collection Date: 1/11/02

Client Sample ID: CE-0E3B-S13-0 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	11 J <sup>54</sup>	3.7		mg/Kg-dry	1	1/15/02 7:17:07 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	18.0	0		wt%	1	1/15/02

Lab ID: 0201103-05 Collection Date: 1/11/02

Client Sample ID: CE-0E3B-S13-1 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	5.9 J <sup>54</sup>	3.2		mg/Kg-dry	1	1/15/02 7:22:48 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	9.4	0		wt%	1	1/15/02

Lab ID: 0201103-06 Collection Date: 1/11/02

Client Sample ID: CE-0D1P-B10-0 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	7.9 J <sup>54</sup>	3.5		mg/Kg-dry	1	1/15/02 7:28:53 PM
PERCENT MOISTURE		D2216				Analyst: JC
Percent Moisture	11.2	0		wt%	1	1/15/02

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

# AMRO Environmental Laboratories Corp.

Date: 16-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201103

**Lab ID:** 0201103-01  
**Client Sample ID:** CE-0E3B-B14-0

**Collection Date:** 1/11/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	18 J <sup>54</sup>	3.7		mg/Kg-dry	1	1/15/02 6:53:06 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	15.2	0		wt%	1	1/15/02

**Lab ID:** 0201103-02  
**Client Sample ID:** CE-0E3B-B15-0

**Collection Date:** 1/11/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	17 J <sup>54</sup>	3.5		mg/Kg-dry	1	1/15/02 6:58:35 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	18.2	0		wt%	1	1/15/02

**Lab ID:** 0201103-03  
**Client Sample ID:** CE-0E3B-B16-0

**Collection Date:** 1/11/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>						Analyst: RK
Lead	14 J <sup>54</sup>	3.5		mg/Kg-dry	1	1/15/02 7:11:53 PM
<b>PERCENT MOISTURE</b>						Analyst: JC
Percent Moisture	11.9	0		wt%	1	1/15/02

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 H - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-07  
**Client Sample ID:** CE-0F1B-B21-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	13.5 <sup>J54</sup>	3.3		mg/Kg-dry	1	1/25/02 9:09:57 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	11.0	0		wt%	1	1/26/02

**Lab ID:** 0201206-08  
**Client Sample ID:** CE-0F1B-B22-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	9.5 <sup>J54</sup>	3.6		mg/Kg-dry	1	1/25/02 9:16:03 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	13.4	0		wt%	1	1/26/02

**Lab ID:** 0201206-09  
**Client Sample ID:** CE-0F1B-B23-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	9.3 <sup>J54</sup>	3.4		mg/Kg-dry	1	1/25/02 9:22:03 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	12.2	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-04  
**Client Sample ID:** CE-0F1B-B19-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	9.0 J <sup>54</sup>	3.2		mg/Kg-dry	1	1/25/02 8:09:24 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	7.1	0		wt%	1	1/26/02

**Lab ID:** 0201206-05  
**Client Sample ID:** CE-0F1B-B20-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	9.6 J <sup>54</sup>	3.5		mg/Kg-dry	1	1/25/02 8:15:26 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	10.4	0		wt%	1	1/26/02

**Lab ID:** 0201206-06  
**Client Sample ID:** CE-0F1B-B20-1

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	9.4 J <sup>54</sup>	3.2		mg/Kg-dry	1	1/25/02 9:04:01 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	8.6	0		wt%	1	1/26/02

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-01  
**Client Sample ID:** CE-0F1B-B16-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	13 J <sup>54</sup>	3.5		mg/Kg-dry	1	1/25/02 7:51:46 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	11.1	0		wt%	1	1/26/02

**Lab ID:** 0201206-02  
**Client Sample ID:** CE-0F1B-B17-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	12 J <sup>54</sup>	3.3		mg/Kg-dry	1	1/25/02 7:57:45 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	5.0	0		wt%	1	1/26/02

**Lab ID:** 0201206-03  
**Client Sample ID:** CE-0F1B-B18-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	15 J <sup>54</sup>	3.4		mg/Kg-dry	1	1/25/02 8:03:44 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	9.3	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 17-Jun-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0206109

Lab ID: 0206109-07  
Client Sample ID: CE-0RE1-B05-0

Collection Date: 6/13/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	30	3.6		mg/Kg-dry	1	6/15/02 1:09:03 AM
PERCENT MOISTURE		D2216				Analyst: AS
Percent Moisture	14.9	0		wt%	1	6/14/02

Lab ID: 0206109-08  
Client Sample ID: CE-0B1P-S03-0

Collection Date: 6/13/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	15	3.4		mg/Kg-dry	1	6/15/02 1:14:26 AM
PERCENT MOISTURE		D2216				Analyst: AS
Percent Moisture	13.2	0		wt%	1	6/14/02

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 17-Jun-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0206109

**Lab ID:** 0206109-04  
**Client Sample ID:** CE-0C1B-B03-0

**Collection Date:** 6/13/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	43	3.4		mg/Kg-dry	1	6/15/02 12:52:01 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: AS
Percent Moisture	10.7	0		wt%	1	6/14/02

**Lab ID:** 0206109-05  
**Client Sample ID:** CE-0RC1-S59-0

**Collection Date:** 6/13/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	990	3.6		mg/Kg-dry	1	6/15/02 12:57:22 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: AS
Percent Moisture	14.6	0		wt%	1	6/14/02

**Lab ID:** 0206109-06  
**Client Sample ID:** CE-0H3B-B21-0

**Collection Date:** 6/13/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	51	3.3		mg/Kg-dry	1	6/15/02 1:02:54 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: AS
Percent Moisture	10.6	0		wt%	1	6/14/02

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# AMRO Environmental Laboratories Corp.

Date: 17-Jun-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0206109

Lab ID: 0206109-01  
Client Sample ID: CE-PBG6-B02-0

Collection Date: 6/13/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	18	3.6		mg/Kg-dry	1	6/15/02 12:06:28 AM
PERCENT MOISTURE		D2216				Analyst: AS
Percent Moisture	14.6	0		wt%	1	6/14/02

Lab ID: 0206109-02  
Client Sample ID: CE-PBJ5-B02-0

Collection Date: 6/13/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	15	3.3		mg/Kg-dry	1	6/15/02 12:40:33 AM
PERCENT MOISTURE		D2216				Analyst: AS
Percent Moisture	11.8	0		wt%	1	6/14/02

Lab ID: 0206109-03  
Client Sample ID: CE-0C1P-S11-0

Collection Date: 6/13/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	15,000	3.9		mg/Kg-dry	1	6/15/02 12:46:39 AM
PERCENT MOISTURE		D2216				Analyst: AS
Percent Moisture	21.5	0		wt%	1	6/14/02

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 15-Jul-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0207088  
**Project:** Seneca Army Depot

**Lab ID:** 0207088-01 **Collection Date:** 7/11/02  
**Client Sample ID:** CE-ORC1-S62-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: SJK
Lead	330	3.4		mg/Kg-dry	1	7/15/02 12:52:53 PM
PERCENT MOISTURE						Analyst: JEK
Percent Moisture	11.6	0		wt%	1	7/15/02

**Lab ID:** 0207088-02 **Collection Date:** 7/11/02  
**Client Sample ID:** CE-OC1P-S14-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: SJK
Lead	33	3.4		mg/Kg-dry	1	7/15/02 12:58:19 PM
PERCENT MOISTURE						Analyst: JEK
Percent Moisture	11.7	0		wt%	1	7/15/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank E - Value above quantitation range  
\* - Value exceeds Maximum Contaminant Level



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
<b>Area A (Burn Pad and Berm)</b>		
CE-0A1P-S04-0	54.1	
CE-0A1B-S02-0	55.1	
CE-0A1P-B03-0	23.3	
CE-0A1P-B04-0	21.8	
CE-0A1P-S06-0	18.4	
CE-0A1P-S07-0	ND	22.1
CE-0A1B-B03-0	20/18 <sup>2</sup>	
CE-0A1B-S03-0	34.7	
CE-0A1B-S04-0	34.2	
CE-0A1B-B03-0	ND/ND <sup>2</sup>	12.3/11.9
CE-0A2B-B01-0	32.2/30.1	
CE-0A3B-B02-0	47	
CE-0A3B-B03-0	20	
CE-0RA2-S01-0	35.4	
CE-0RA2-S04-0	ND	13
CE-0RA2-S05-0	27	
CE-0RA2-B01-0	38.2	
<b>Area B (Burn Pad and Berm)</b>		
CE-0B1P-S02-0	20.5	
CE-0B1P-S03-0	15	
CE-0B1P-S05-0	21	
CE-0B1P-B05-0	26	
CE-0B1P-B06-0	100	
CE-0RB1-S01-0	29.3J <sup>1</sup>	
CE-0RB1-S06-0	50.9 J <sup>1,3</sup>	
CE-0RB1-S08-0	ND UJ <sup>3</sup>	24.6
CE-0B1B-B07-0	27 J <sup>3</sup> /35 J <sup>3</sup>	
CE-0B1B-B08-0	19.5 J <sup>3</sup>	
CE-0B1P-S02-0	20	
CE-0B1B-S13-0	18/13	
CE-0B1B-S14-0	27	
CE-0B1P-S10-0	53	
CE-0RB1-B02-0	19	
CE-0RB1-S09-0	27.7 J <sup>1,3</sup>	
CE-0RB1-S10-0	30	
<b>Area C (Burn Pad and Berm)</b>		
CE-0RC1-B01-0	21.6 J <sup>1,3</sup>	
CE-0RC1-B02-0	27.7 J <sup>1,3</sup> /38 J <sup>1,3</sup>	
CE-0RC1-B06-0	26.7 J <sup>1,3</sup>	
CE-0RC1-B08-0	22 J <sup>1,3</sup>	
CE-0RC1-S09-0	58.6 J <sup>1,3</sup>	





**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CE-0RC1-S15-0	21.9 J <sup>1,3</sup>	
CE-0RC1-S16-0	47.8 J <sup>1,3</sup>	
CE-0RC1-S26-0	17.8	
CE-0RC1-S27-0	58.6	
CE-0RC1-S24-0	23.1	
CE-0RC1-S29-0	22	
CE-0C1B-B03-0	49.4 J <sup>1</sup>	
CE-0C1P-B06-0	25	
CE-0C1P-B07-0	6.8	
CE-0C1P-B21-0	25	
CE-0C1P-S13-0	ND	18.7
CE-0C1P-S14-0	23	
CE-0C1P-S15-0	13/16 <sup>2</sup>	
CE-0RC1-B12-0	13.7 J <sup>3</sup>	
CE-0RC1-B13-0	ND UJ <sup>3</sup>	14.6
CE-0RC1-B14-0	31.4 J <sup>3</sup>	
CE-0RC1-B15-0	31.6 J <sup>3</sup>	
CE-0RC1-B16-0	19.5 J <sup>1</sup>	
CE-0RC1-B17-0	27.6 J <sup>1</sup>	
CE-0RC1-B18-0	17.5	
CE-0RC1-B19-0	17.2	
CE-0RC1-B22-0	23	
CE-0RC1-B23-0	21	
CE-0RC1-B24-0	23	
CE-0RC1-B25-0	28	
CE-0RC1-B31-0	15	
CE-0RC1-S31-0	ND UJ <sup>1</sup>	22.8
CE-0RC1-S32-0	16.8 J <sup>1</sup>	
CE-0RC1-S33-0	ND UJ <sup>1</sup> /14.3 <sup>2</sup> J <sup>1</sup>	15.2
CE-0RC1-S34-0	54 J <sup>1</sup>	
CE-0RC1-S36-0	20.8 J <sup>1</sup>	
CE-0RC1-S37-0	31.6 J <sup>1</sup>	
CE-0RC1-S40-0	20.9	
CE-0RC1-S41-0	23	
CE-0RC1-S43-0	ND UJ <sup>1</sup> /ND <sup>2</sup> UJ <sup>1</sup>	11.4/15.9
CE-0RC1-S49-0	32.9	
CE-0RC1-S51-0	21	
CE-0RC1-S52-0	47.9	
CE-0RC1-S55-0	20	
CE-0RC1-S56-0	20	
CE-0RC1-S57-0	24	
CE-0RC1-S58-0	23	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CE-0RC1-S60-0	21	
CE-0RC1-S62-0	16	
CE-0RC1-S63-0	20	
CE-0RC1-S64-0	28	
CE-0RC1-S66-0	21	
CE-0RC1-S71-0	11	
CE-0RC1-S72-0	23	
<b>Area D (Burn Pad and Berm)</b>		
CE-0RD1-S01-0	20.3 J <sup>1,3</sup>	
CE-0RD1-S03-0	19 J <sup>1,3</sup>	
CE-0RD1-S06-0	29.6 J <sup>1,3</sup>	
CE-0D1P-B01-0	36.2 J <sup>1</sup>	
CE-0D1P-S02-0	16.6 J <sup>1</sup>	
CE-0D1P-S03-0	ND J <sup>1</sup>	13.8
CE-0D1P-S04-0	14.3 J <sup>1</sup>	
CE-0D1P-S05-0	16.1 J <sup>1</sup>	
CE-0D1P-S06-0	ND J <sup>1</sup>	16.7
CE-0D1B-B07-0	ND UJ <sup>3</sup>	25.1
CE-0D1P-S01-0	ND J <sup>1</sup>	22.3
CE-0D1P-B10-0	7.9 J <sup>54</sup>	
CE-0RD1-B03-0	14 J	
CE-0RD1-B04-0	11 J	
CE-0RD1-S07-0	45 J <sup>1</sup>	
CE-0RD1-S08-0	17.8 J <sup>1</sup>	
CE-0RD1-S09-0	57.5 J <sup>1</sup>	
<b>Area E (Burn Pad and Berm)</b>		
CE-0E1B-S05-0	21.6 J <sup>1,3</sup>	
CE-0E1B-S06-0	18.9 J <sup>1,3</sup>	
CE-0E1B-S07-0	ND UJ <sup>3</sup>	22.5
CE-0E1B-S08-0	30.1 J <sup>1,3</sup>	
CE-0E1B-B08-0	16.3 J <sup>1,3</sup>	
CE-0E1B-B09-0	20.4 J <sup>1,3</sup>	
CE-0E1B-B10-0	13.2	
CE-0E1B-B11-0	8.4 J	
CE-0E1B-B12-0	33	
CE-0E1B-S10-0	14.2	
CE-0E3B-S13-0	11 J <sup>54</sup> /5.9 J <sup>54</sup>	
CE-0E3B-B07-0	24	
CE-0E3B-B08-0	20	
CE-0E3B-B11-0	31	
CE-0E3B-B12-0	43	
CE-0E3B-B14-0	18 J <sup>54</sup>	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CE-0E3B-B15-0	17 J <sup>54</sup>	
CE-0E3B-B16-0	14 J <sup>54</sup>	
<b>Area F (Burn Pad and Berm)</b>		
CE-0F1B-B04-0	46 J <sup>54</sup>	
CE-0F1B-B05-0	12 J <sup>54</sup> /11 J <sup>54</sup>	
CE-0F1B-B06-0	30 J <sup>54</sup>	
CE-0F1B-B07-0	24 J <sup>54</sup>	
CE-0F1B-B08-0	35 J <sup>54</sup>	
CE-0F1B-B11-0	32 J <sup>54</sup>	
CE-0F1B-B12-0	4.8 J <sup>54</sup>	
CE-0F1B-B15-0	51 J <sup>54</sup> /80 J <sup>54</sup>	
CE-0F1B-B16-0	13 J <sup>54</sup>	
CE-0F1B-B17-0	12 J <sup>54</sup>	
CE-0F1B-B18-0	15 J <sup>54</sup>	
CE-0F1B-B19-0	9 J <sup>54</sup>	
CE-0F1B-B20-0	9.6 J <sup>54</sup> /9.4 <sup>2</sup> J <sup>54</sup>	
CE-0F1B-B21-0	13 J <sup>54</sup>	
CE-0F1B-B22-0	9.5 J <sup>54</sup>	
CE-0F1B-B23-0	9.3 J <sup>54</sup>	
CE-0F1B-B03-0	49.5 J <sup>1,21</sup>	
CE-0RF1-B01-0	14 J <sup>1,21</sup>	
CE-0RF1-B02-0	35.6 J <sup>1,21</sup>	
CE-0RF1-S03-0	54.5 J <sup>1,21</sup>	
<b>Area G (Burn Pad and Berm)</b>		
CE-0G1B-B14-0	28.7	
CE-0G1B-B19-0	20.3 J <sup>3</sup>	
CE-0G1B-S13-0	24/28.1	
CE-0G1B-S22-0	ND/ND	13.1/16.5
CE-0G1B-S24-0	29.6 J <sup>3</sup>	
CE-0G1B-B15-0	35.4 J <sup>3</sup>	
CE-0G1B-B16-0	28.5 J <sup>3</sup>	
CE-0G1B-B18-0	14.7 J <sup>3</sup>	
CE-0G1B-S15-0	18.5 J <sup>3</sup>	
CE-0G1B-S17-0	ND UJ <sup>3</sup>	17.3
CE-0G1B-S20-0	24.5 J <sup>3</sup>	
CE-0G1B-S25-0	39.6 J <sup>3</sup>	
CE-0G1B-S27-0	22.7 J <sup>3</sup>	
CE-0G1B-S29-0	18.8 J <sup>1</sup>	
CE-0G1P-S33-0	22.4 J <sup>3</sup>	
CE-0G2B-B01-0	ND	12.4
CE-0G2B-B02-0	ND	16.4
CE-0G2B-S01-0	13.7	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
Site Specific Remediation Objective:	500	
CE-0G2B-S02-0	ND	14.2
CE-0G1P-B14-0	29.5/33.3	
CE-0G1P-B15-0	ND UJ <sup>3</sup> /ND UJ <sup>3</sup>	13.9/13.6
CE-0G1P-B16-0	ND UJ <sup>3</sup>	17.4
CE-0G1P-S24-0	32.6	
CE-0G1P-S25-0	44.9	
CE-0G2P-B01-0	ND/ND	16.8/14.9
CE-0G2P-B02-0	ND	16.4
CE-0G2P-B03-0	ND	24.5
CE-0G2P-B04-0	ND	15.2
CE-0G2P-S01-0	ND	15.6
CE-0G2P-S03-0	40	
CE-0G2P-S05-0	19.3	
CE-0G2P-S06-0	26.1	
CE-0G2P-S07-0	ND	19.6
CE-0G2P-S08-0	ND	17.8
CE-0G3B-B02-0	15	
CE-0G3B-B03-0	29	
CE-0G3B-B04-0	22	
CE-0G3B-B05-0	31	
CE-0G3B-B06-0	28	
CE-0G3B-B07-0	46	
CE-0G3B-B08-0	34	
CE-0G3B-B09-0	47	
CE-0G3B-B10-0	25/12	
CE-0G3B-B11-0	20	
CE-0G3B-B12-0	24	
CE-0G3B-B14-0	31	
CE-0G3B-B16-0	34	
CE-0G3B-B17-0	42	
CE-0G3B-B18-0	15	
CE-0G3B-B19-0	13	
CE-0G3B-B20-0	26/24	
CE-0G3B-B21-0	7.9	
CE-0G3B-B22-0	17	
CE-0G3B-B23-0	18	
CE-0G3B-B24-0	15	
CE-0G3B-B25-0	13	
CE-0G3B-B26-0	15	
CE-0G3B-B27-0	31	
CE-0G3B-B45-0	11/13 <sup>2</sup>	
CE-0G3B-B28-0	14	
CE-0G3B-B29-0	29	
CE-0G3B-B30-0	10/10	





**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CE-0G3B-B31-0	16	
CE-0G3B-B32-0	17	
CE-0G3B-B33-0	9.7	
CE-0G3B-B35-0	16	
CE-0G3B-B36-0	17	
CE-0G3B-B37-0	29	
CE-0G3B-B38-0	33	
CE-0G3B-B39-0	27	
CE-0G3B-B40-0	18/14	
CE-0G3B-B41-0	21	
CE-0G3B-B42-0	12/14 <sup>2</sup>	
CE-0G3B-B43-0	9	
CE-0G3B-B44-0	13	
CE-PBG1-B01-0	18.9 J <sup>1</sup>	
CE-PBG1-S03-0	ND UJ <sup>1</sup>	14.5
CE-PBG1-S01-0	14.2 J <sup>1</sup>	
CE-PBG1-S02-0	ND UJ <sup>1</sup>	17.4
CE-PBG1-S04-0	ND UJ <sup>1</sup>	21.3
CE-PBG6-B02-0	18	
CE-PBG6-S01-0	14.1 J <sup>3</sup>	
CE-PBG6-S02-0	20.5 J <sup>3</sup>	
CE-PBG6-S03-0	ND UJ <sup>3</sup>	14.6
CE-PBG6-S04-0	23.9 J <sup>3</sup>	
<b>Area H (Burn Pad and Berm)</b>		
CE-0H1B-B13-0	58.5	
CE-0H1B-B14-0	19.7	
CE-0H1B-S06-0	21.8	
CE-0H1B-S09-0	ND	12.2
CE-0H1P-B01-0	19.2/14.1	
CE-0H1P-B02-0	ND	17.2
CE-0H1P-S01-0	ND	12.7
CE-0H1P-S02-0	49.3	
CE-0H1P-S04-0	14.3	
CE-0H1P-S05-0	40.5	
CE-0H1P-S07-0	23.7	
CE-0H3B-B03-0	18	
CE-0H3B-B04-0	15	
CE-0H3B-B06-0	14	
CE-0H3B-B08-0	27	
CE-0H3B-B11-0	21	
CE-0H3B-B12-0	30	
CE-0H3B-B14-0	40	
CE-0H3B-B15-0	17	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CE-0H3B-B16-0	56	
CE-0H3B-B18-0	20	
CE-0H3B-B19-0	39	
CE-0H3B-B20-0	2.6 J/3.2 J	
CE-0H3B-B21-0	51	
<b>Area J (Burn Pad and Berm)</b>		
CE-PBJ5-S01-0	ND UJ <sup>3</sup>	22.9
CE-PBJ5-S02-0	ND	20.1
CE-PBJ5-S03-0	12.6	
CE-PBJ5-S04-0	43.8	
CE-PBJ3-S01-0	32.2	
CE-PBJ3-S02-0	49.5	
CE-PBJ3-S04-0	15.4	
CE-0J1P-B08-0	47 J <sup>1</sup>	
CE-0J1P-B16-0	ND J <sup>3</sup>	18.8
CE-0J1P-B23-0	ND UJ <sup>21</sup>	17
CE-0J1P-B24-0	ND	16.8
CE-0J1P-S36-0	ND UJ <sup>3</sup>	12.6
CE-0J1P-S44-0	44.2 J <sup>1</sup>	
CE-0J1P-S45-0	15.8 J <sup>1</sup>	
CE-0J1P-S51-0	18.2 J <sup>3</sup>	
CE-0J1P-S53-0	ND UJ <sup>21</sup>	16.9
CE-0J1P-S54-0	ND UJ <sup>21</sup>	17.2
CE-0J1P-S56-0	21.9 J <sup>1,21</sup>	
CE-0J1P-S57-0	ND UJ <sup>21</sup>	24.4
CE-0J1P-S58-0	27.8 J <sup>1,21</sup>	
CE-0J2B-B01-0	44.9 J <sup>1</sup>	
CE-0J2B-S01-0	54.5 J <sup>1</sup>	
CE-0J2B-S02-0	26 J <sup>1</sup>	
CE-0J3B-B01-0	12	
CE-0J3B-B02-0	18	
CE-0J3B-B03-0	15	
CE-0J3B-B04-0	17	
CE-0J3B-B05-0	19	
CE-0J3B-B06-0	22	
CE-0J3B-B13-0	24	
CE-0J3B-B15-0	29	
CE-0J3B-B16-0	17	
CE-0J3B-B17-0	12	
CE-0J3B-B18-0	23	
CE-0J3B-B19-0	16	
CE-0J3B-B20-0	18/17	
CE-0J3B-B21-0	12	
CE-0J3B-B22-0	12	
CE-0J3B-B24-0	16 UJ <sup>21</sup>	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CE-0J3B-B29-0	19	
CE-0J3B-B30-0	27/27	
CE-0J3B-B31-0	27	
CE-0J3B-B32-0	25	
CE-0J3B-B33-0	11	
CE-0J3B-B34-0	16	
CE-0J3B-B36-0	7.2	
CE-0J3B-B37-0	6.5/6.3	
CE-0J3B-B38-0	11	
CE-0J3B-B39-0	9.1	
CE-0J3B-B40-0	5.2	
CE-0J3B-B41-0	6.4	
CE-0J3B-B43-0	9.7	
CE-0J3B-B44-0	6.7	
CE-0J3B-B45-0	5.5	
CE-0J3B-B46-0	11	
CE-0J3B-B48-0	ND	3.5
CE-0J3B-B35-0	22	
CE-PBJ3-B01-0	ND	21.6
CE-PBJ5-B02-0	15	
<b>Low Lying Hills</b>		
CE-LLH3-B01-0	14	
CE-LLH3-B04-0	26	
<b>PAD SW-220</b>		
CE-ORE1-B01-0	23.6 J <sup>1</sup>	
CE-ORE1-B02-0	20.7 J <sup>1</sup>	
CE-ORE1-B04-0	16	
CE-ORE1-B05-0	30	
CE-ORE1-S05-0	ND J <sup>1</sup>	13
CE-ORE1-S10-0	19.7 J <sup>1,3</sup>	
CE-ORE1-S11-0	ND UJ <sup>3</sup>	23
CE-ORE1-S12-0	16.9 J <sup>1,3</sup>	
CE-ORE1-S13-0	18.4 J <sup>1,3</sup>	
CE-ORE1-S14-0	35.5	
CE-ORE1-S15-0	36	
CE-ORE1-S18-0	33	
CE-ORE1-S19-0	20	
CE-ORE1-S20-0	47	
CE-ORE1-S21-0	11	
<b>Pad GB - 19/34</b>		
CE-ORG1-S06-0	ND UJ <sup>1</sup>	15.1
CE-ORG1-S05-0	ND	24.3
CE-ORG1-B02-0	38.3	
CE-ORG1-S04-0	ND	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CE-ORG1-S08-0	27/22	
CE-ORG1-S02-0	ND	15.7
CE-ORG1-B01-0	ND	15
CE-ORG1-S03-0	ND	16.5
<b>Perimeter</b>		
CG-000P-001	84	
CG-000P-002	65	
CG-000P-003	260	
CG-000P-004	50	
CG-000P-005	280	
CG-000P-006	88	
CG-000P-007	63	
CG-000P-008	53/48	
CG-000P-009	23	
CG-000P-010	20	
CG-000P-011	28	
CG-000P-012	24	
CG-000P-013	57	
CG-000P-014	17	
CG-000P-015	110	
CG-000P-016	14	
CG-000P-017	9.6	
CG-000P-018	26/21	
CG-000P-019	32	
CG-000P-020	28	
CG-000P-021	31	
CG-000P-022	450	
CG-000P-023	160	
CG-000P-024	81	
CG-000P-025	190	
CG-000P-026	230	
CG-000P-027	33	
CG-000P-028	26/30	
CG-000P-029	23	
CG-000P-030	61	
CG-000P-031	43	
CG-000P-032	36	
CG-000P-033	45	
CG-000P-034	45	
CG-000P-035	230	
CG-000P-036	56	
CG-000P-037	30	





**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CG-000P-038	22	
<b>Grid</b>		
CG-000G-001	40 J <sup>54</sup>	
CG-000G-002	72 J <sup>54</sup>	
CG-0GA5-001-0	19/19 <sup>2</sup>	
CG-0GA6-001-0	9.4	
CG-0GA7-001-0	18	
CG-0GA8-001-0	14	
CG-0GB5-001-0	42	
CG-GC5NE-001-0	52	
CG-GC5NW-003-0	170	
CG-GC5SE-005-0	10	
CG-GC5SW-007-0	16	
CG-0GC7W-001-0	430	
CG-0GC7-001-0	96	
CG-0GC8E-001-0	40	
CG-0GC8W-001-0	15	
CG-0GD5-003-0	27	
CG-0GD6-001-0	14	
CG-0GD7-001-0	220	
CG-000G-003	67 J <sup>54</sup>	
CG-0GA2-001-0	15	
CG-0GA3-001-0	16	
CG-0GA4-001-0	25	
CG-0GB1-001-0	22	
CG-0GB2-001-0	250	
CG-GB2NW-001-0	74	
CG-GB2SW-004-0	28	
CG-0GB3S-001-0	420	
CG-0GB3-001-0	100	
CG-0GB4-001-0	31	
CG-0GC1S-001-0	21	
CG-0GC1-001-0	75	
CG-0GC2S-001-0	210	
CG-0GC2-001-0	420	
CG-0GC3-001-0	61	
CG-0GC3N-001-0	42	
CG-0GC4-001-0	17	
CG-0GD2-001-1	12	
CG-0GD3-001-0	14	
CG-0GD4-001-0	27	
CG-000G-004	350 J <sup>54</sup>	
CG-0GE9-001-0	61	
CG-0GF9-001-0	48	
CG-0GG9-001-0	36	
CG-0GH9W-001-0	280	
CG-0GH9-001-0	190	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CG-000G-005	16 J <sup>54</sup>	
CG-000G-006	13 J <sup>54</sup>	
CG-000G-007	110 J <sup>54</sup>	
CG-0GK8-003-0	24	
CG-0GK7-003-0	25	
CG-0GL6-003-0	30	
CG-GK13-001-0	85	
CG-GL13-001-0	160	
CG-GL14-001-0	110	
CG-0GI9-003	38	
CG-GI10-003	13	
CG-0GJ9-003-0	18	
CG-GJ10-007-0	19	
CG-0GK9-003	31	
CG-GK10-003-0	35	
CG-GK11-001-0	170	
CG-0GL9-001-0	360	
CG-GL10S-001-0	27	
CG-GL10-001-0	290	
CG-GL11-001-0	240	
CG-GL12-001-0	47	
CG-000G-009	84 J <sup>54</sup>	
CG-0GI5-001-0	57	
CG-0GI6S-001-0	47	
CG-0GI6-001-0	200	
CG-0GI7W-001-0	19	
CG-0GI7-001-0	160	
CG-0GI8N-001-0	250	
CG-0GI8-001-0	130	
CG-0GJ5-001-0	240	
CG-0GJ6W-001-0	170	
CG-0GJ6-001-0	120	
CG-0GJ8-002-0	110/25 <sup>2</sup>	
CG-0GK5-001-0	150	
CG-0GK6-001-0	59/47 <sup>2</sup>	
CG-0GK7-003-0	25	
CG-0GK8-003-0	24	
CG-0GL5-001-0	27	
CG-0GL6-003-0	30	
CG-0GL7-001-0	43	
CG-0GL8-001-0	460	
CG-000G-010	55 J <sup>54</sup>	
CG-000G-011	53 J <sup>54</sup>	
CG-0GM9-001-0	37	
CG-GM10-001-0	470	
CG-GM11-001-0	98	
CG-GM12-001-0	27	
CG-0GN9-003-0	17	



**Table 4-1**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Excavation Confirmation Sample Data**

Sample ID <sup>1</sup>		Detection Limits for Non-Detects mg/kg
<b>Site Specific Remediation Objective:</b>	<b>500</b>	
CG-GN10-001-0	41	
CG-GN11-001-0	55	
CG-GN12-001-0	97	
CG-GO10-001-0	13	
CG-GO11-001-0	32	
CG-GO12-001-0	62	
CG-OGP9-001-0	43	
CG-GP10-001-0	190	
CG-GP11-001-0	21	
CG-000G-013	58 J <sup>54</sup>	
CG-000G-014	22 J <sup>54</sup>	
CG-000G-015	140 J <sup>54</sup>	
CG-0GQ6-001-0	22	
CG-0GQ7-001-0	67	
CG-0GQ8-001-0	140	
CG-0GR5-001-0	54/54 <sup>2</sup>	
CG-0GR6-001-0	19	
CG-0GR7-001-0	19	
CG-0GR8-001-0	77	
CG-0GS6-001-0	35	
CG-0GS7-001-0	39	
CG-0GS8-001-0	74	

<sup>1</sup> Samples are labelled in accordance with Subsection 5.3 of the Revised Draft Sampling and Analysis Plan

<sup>2</sup> number pairs indicate duplicate samples

ND = non-detect (see Detection Limit column for limit)

mg/kg = milligrams per kilogram

J = estimated



# SENECA

[J<sup>1</sup>] = field dup. out.

[J<sup>2</sup>] = Estimate the lead result for sample CE-0C1B-B01-0 due to the sample result exceeding the linear range of the analysis.

[J<sup>3</sup>] = MS/MSD spike recoveries out.

[J<sup>4</sup>] = Ba & Pb out for TCLP field dups.

(J<sup>5</sup>) Outside control limits for lead in air. Estimate the lead in air result.

[J<sup>6</sup>] = Ba out for TCLP field dups.

UJ<sup>7</sup>/J<sup>7</sup> = Estimate all TCLP mercury results due to poor field dup recovery.

UJ<sup>8</sup>/J<sup>8</sup> = Silver did not meet the matrix spike criteria - estimate all silver results.

J<sup>9</sup> = used by Diane

J<sup>10</sup> = Aluminum and selenium did not meet the field duplicate criteria. Estimate all positive results.

[UJ<sup>11</sup>/J<sup>11</sup>] = MS/MSD spike recoveries out for copper.

[UJ<sup>12</sup>/J<sup>12</sup>] = Pb out for TCLP field dups.

MS/MSD limits not met for cadmium, beryllium, chromium lead or mercury. Estimate all aqueous results (UJ<sup>13</sup>/J<sup>13</sup>).

J<sup>14</sup> = Estimate results for lead and copper for sample 24745-04 due to poor RPD results.

UJ<sup>15</sup> = Estimate results for reactive cyanide due to poor recovery of the laboratory control sample.

J<sup>16</sup> = Estimate all Al, Fe, Hg results in data package 9911.054 since the MS/MSD did not meet the criteria.

J<sup>17</sup> = Estimate all Al, Be, Co, and Cu results in 9911.054 since the field duplicate criteria were not met.

J<sup>18</sup> = Estimate Be, Cd, Cr, Cu, Se and Zn results in 9911.038 since the MS recoveries did not meet the QC criteria.

J<sup>19</sup> = Estimate results for lead and copper for sample 24745-04 due to poor RPD results.

UJ<sup>20</sup> = Estimate the results for mercury since the MS/MSD did not meet the acceptance criteria.

[UJ<sup>21</sup>/J<sup>21</sup>] = MS/MSD spike recoveries and RPD's out for lead.

[UJ<sup>22</sup>/J<sup>22</sup>] = MS/MSD spike recoveries out for barium.

[UJ<sup>23</sup>/J<sup>23</sup>] = MS/MSD spike recoveries and RPD's out for cobalt, manganese, and zinc. Estimate all TAL results for these analytes.

J<sup>24</sup> = Estimate positive results for cadmium due to poor reproducibility in the laboratory duplicate sample.

[UJ<sup>25</sup>/J<sup>25</sup>] = MS/MSD spike recoveries out for barium and lead.

[UJ<sup>28</sup>/J<sup>28</sup>] = Pb out for TCLP laboratory dups.

[UJ<sup>29</sup>/J<sup>29</sup>] = Estimate all results for sample SP-00SS-012-0 since the MS criteria were not met for Al, Sb, Ba, Be, Ca, Cr, Cu, Fe, Pb, Mn, Mg, K, Se, V, Zn.

(UJ<sup>30</sup>/J<sup>30</sup>) = Lab duplicate criteria were not met for Sb, Cd, Cu, K, Na, Zn. Estimate all results for sample SP-00SS-012-0.

(J<sup>31</sup>) = Field duplicate criteria were not met for Cd & Pb. Estimate all results.

[UJ<sup>32</sup>/J<sup>32</sup>] = Pb and Ba out for TCLP laboratory dups. Estimate all results.





[UJ<sup>33</sup>/J<sup>33</sup>] = Pb out for MS/MSD sample. Estimate all results.

[UJ<sup>34</sup>/J<sup>34</sup>] = Pb & Ba out for MS/MSD sample. Estimate all results.

(J<sup>35</sup>) = Field duplicate criteria were not met for Cd. Estimate all results.

[UJ<sup>36</sup>/J<sup>36</sup>] = Hg and Ag out for MS/MSD sample. Estimate all results.

(UJ<sup>37</sup>/J<sup>37</sup>) = Lab duplicate criteria were not met for Ag. Estimate all results.

(UJ<sup>38</sup>/J<sup>38</sup>) = Lab duplicate criteria were not met for Cd. Estimate all results.

[UJ<sup>43</sup>/J<sup>43</sup>] = Ca, Na, and Fe out for MS/MSD sample. Estimate all results.

(UJ<sup>44</sup>/J<sup>44</sup>) = Lab duplicate criteria were not met for Sb. Estimate all results.

For TAL metals, the MS criteria were not met for Al, Sb, As, Ba, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Mo, Ni, Ag. Estimate all results [UJ<sup>45</sup>/J<sup>45</sup>] for these analytes.

The TCLP soil check sample had a low recovery for Mg. Estimate [UJ<sup>46</sup>/J<sup>46</sup>] Mg results.

[UJ<sup>47</sup>/J<sup>47</sup>] = MS/MSD spike recoveries out for zinc.

(UJ<sup>48</sup>/J<sup>48</sup>) = Lab duplicate criteria were not met for Pb. Estimate all results.

[UJ<sup>49</sup>/J<sup>49</sup>] = MS/MSD spike recoveries out for antimony, cadmium, nickel and zinc. Estimate the results.

U<sup>50</sup> - Concentration raised to non-detected due to blank contamination.

UJ<sup>51</sup>/J<sup>51</sup> = Lead did not meet the matrix spike criteria - estimate all lead results.

J<sup>52</sup> = Estimate the lead result due to negative blank contamination.

(J<sup>53</sup>) = Field duplicate criteria were not met for Cu & Pb. Estimate all positive results.

(J<sup>54</sup>) = Field duplicate criteria were not met for Pb. Estimate all positive results.



**Table 4-2**  
**Soil and Sediment Remediation, Open Burning Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Average Confirmation Sample Results**

Location	Bottom		Sidewall		Total	
	No. Samples	Average Lead (ppm)	No. Samples	Average Lead (ppm)	No. Samples	Average Lead (ppm)
Pad A	8	26.1	9	30.7	17	28.5
Pad B	5	38.3	12	27.1	17	30.4
Pad C	21	22.9	33	24.7	54	24.0
Pad D	5	16.3	12	21.9	17	20.3
Pad E	12	21.5	6	17.8	18	20.3
Pad F	19	22.3	1	54.5	20	24.0
Pad G	57	20.0	28	18.8	85	19.6
Pad H	17	26.9	7	23.2	24	25.8
Pad J	41	15.9	18	23.3	59	18.2
Pad GB 19/34	2	22.9	6	11.7	8	14.5
LLH	2	20.0	NA	NA	2	20.0
Pad SW 220	4	22.6	11	23.2	15	23.1
<b>Total (Pads +LLH)</b>	<b>193</b>	<b>21.1</b>	<b>143</b>	<b>22.9</b>	<b>336</b>	<b>21.9</b>
<b>1-ft Cut and Perimeter</b>	<b>115</b>	<b>91.8</b>	<b>38</b>	<b>82.2</b>	<b>153</b>	<b>89.4</b>
<b>Sitewide Total</b>	<b>308</b>	<b>47.5</b>	<b>181</b>	<b>35.4</b>	<b>489</b>	<b>43.0</b>

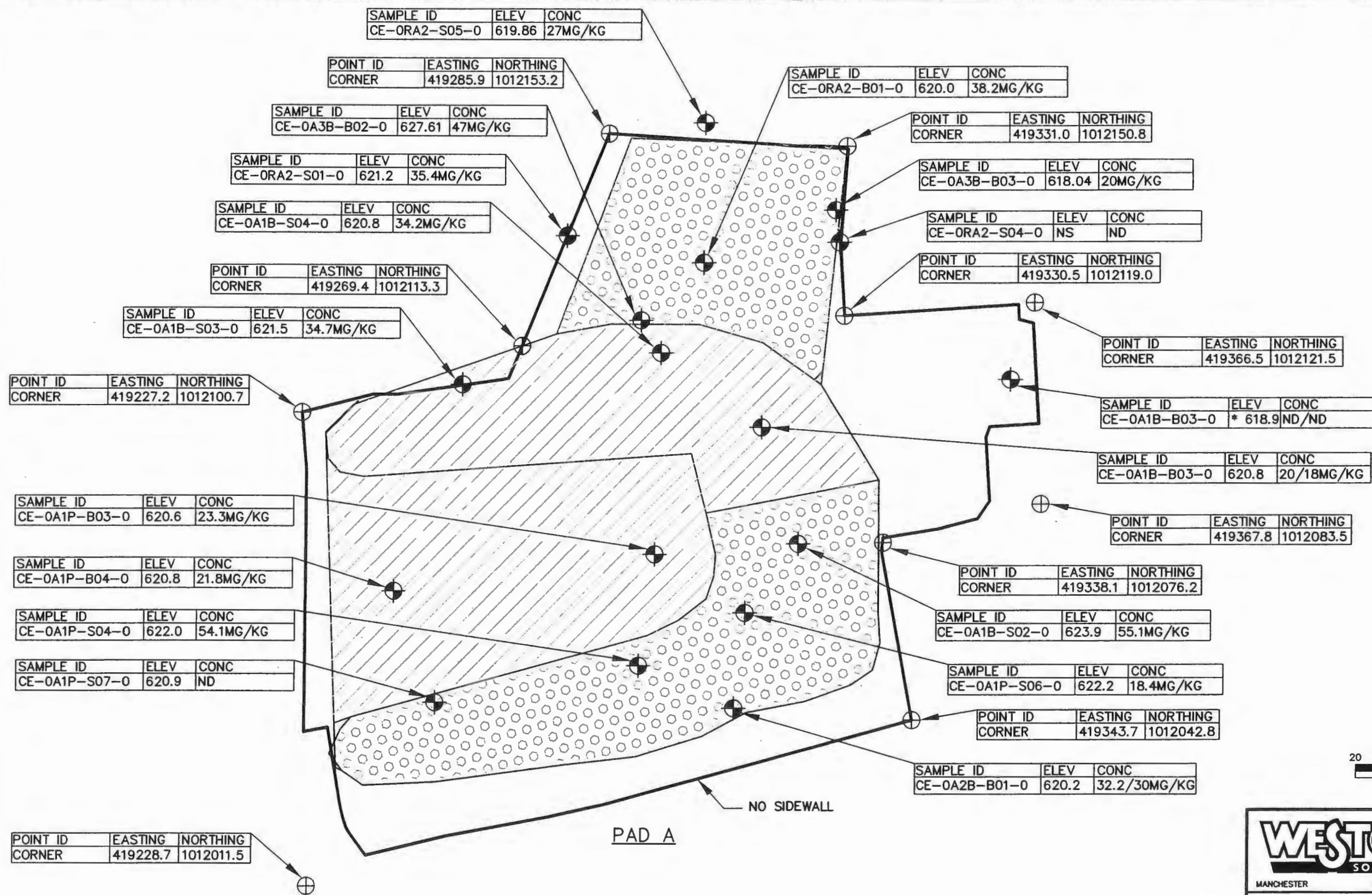
NA = not applicable (not sampled)

ppm = parts per million

ft = foot



M:\Design\DWG\CAGE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-1.dwg, Layout1, 8/29/2006 11:32:14 AM, CHASET, 1:1

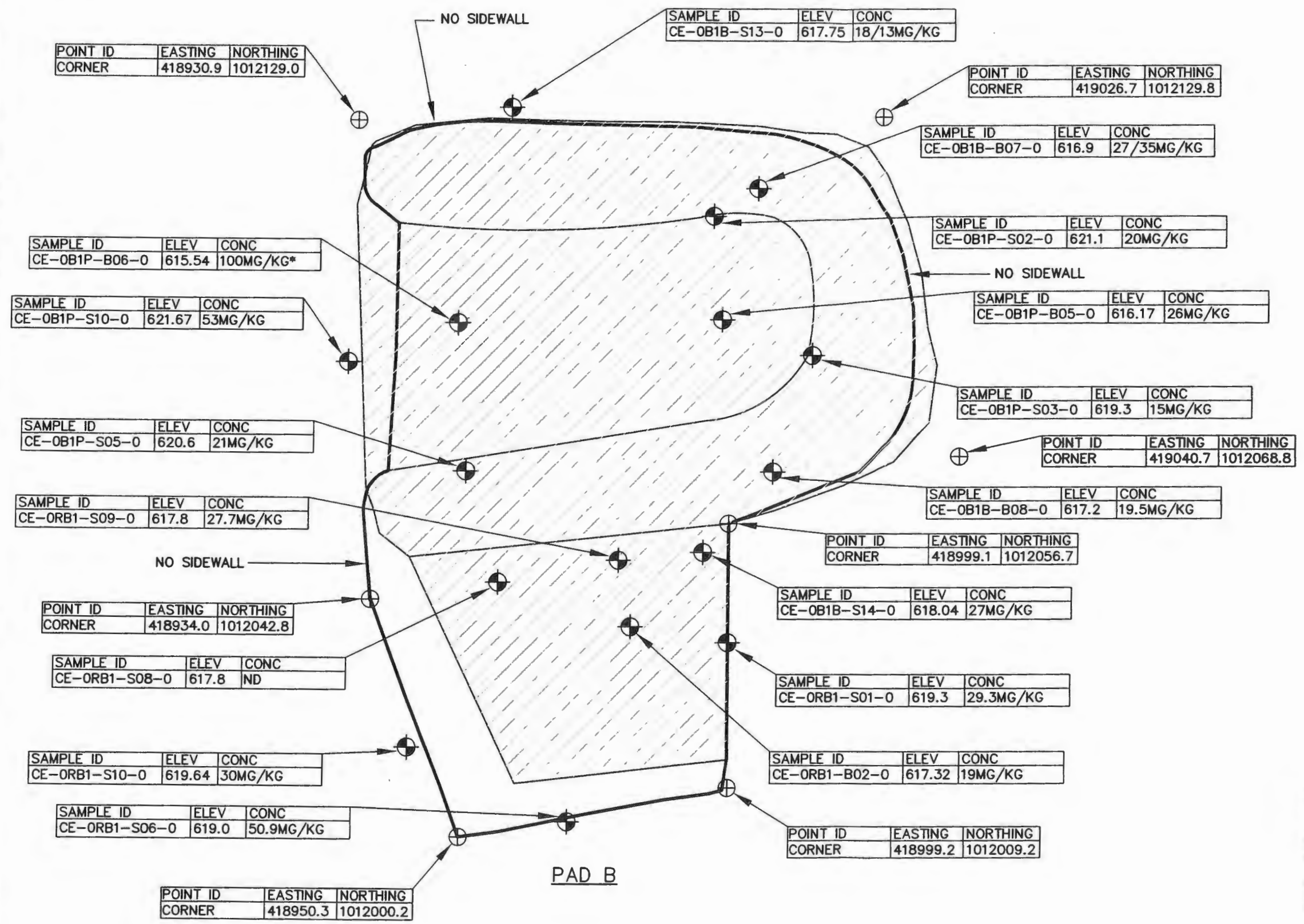


NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN

		DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS
<b>PAD A</b> ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY		
<b>TOTAL LEAD CONCENTRATIONS</b>		
DRAWN	A.J.M.	DATE AUGUST 2006
CHECKED	C.G.K.	W.O. NO. 03886.118.013
		FIGURE NO. <b>4-1</b>



M:\Design\DWG\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-2.dwg, Layout1, 9/1/2006 11:54:32 AM, MURROT, 1:1



**LEGEND**

- ⊕ EXCAVATION CONTROL POINT
- ⊙ CONFIRMATORY EXCAVATION SAMPLES
- LIMIT OF EXCAVATION
- CASE I
- CASE II
- CASE III

GRAPHIC SCALE

APPROXIMATE SCALE IN FEET

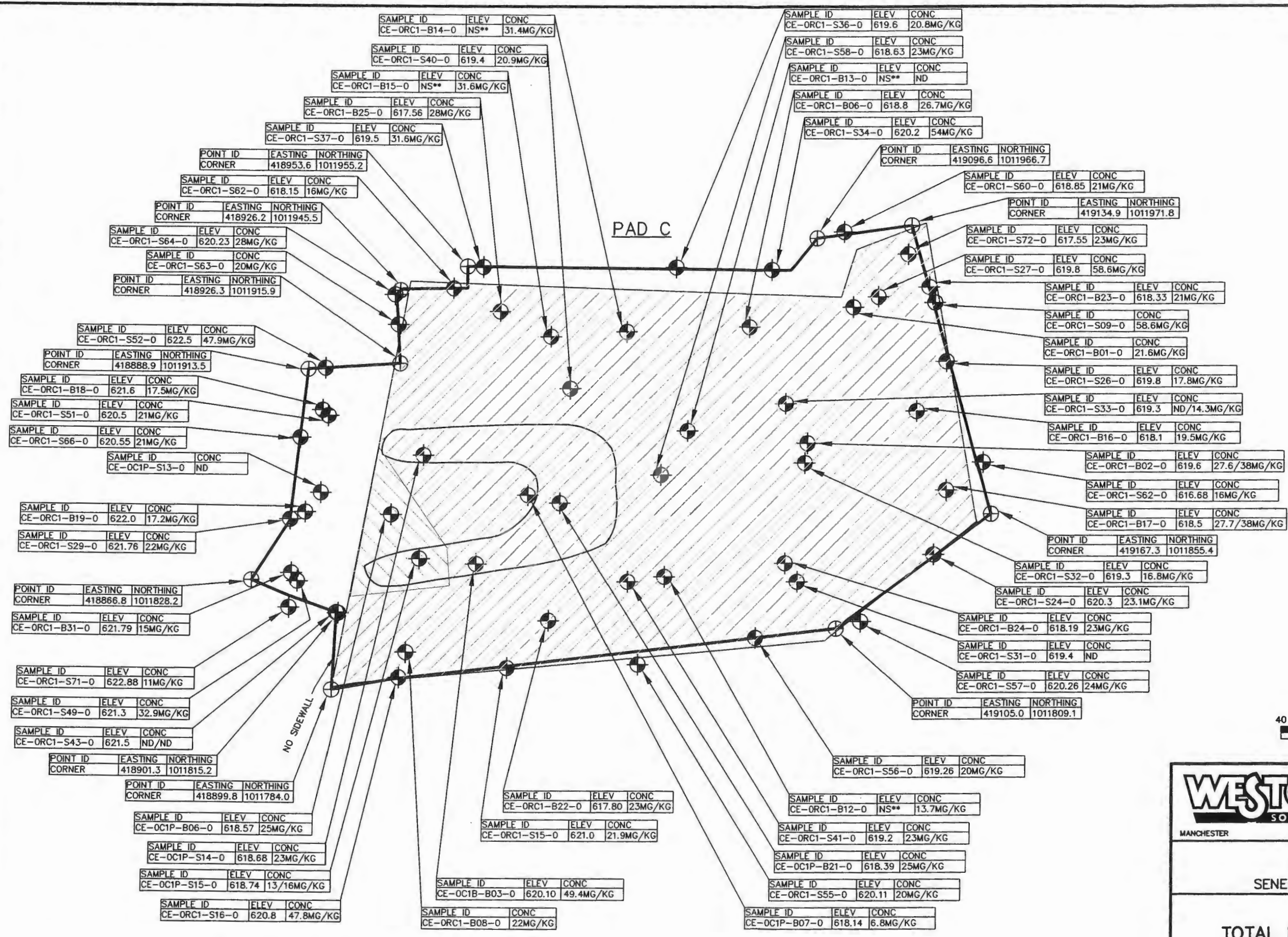
 MANCHESTER NEW HAMPSHIRE	DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS		
	PAD B ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY		
<b>TOTAL LEAD CONCENTRATIONS</b>			
DRAWN	DATE	FIGURE NO.	
A.J.M.	AUGUST 2006	<b>4-2</b>	
CHECKED	W.O. NO.		
C.G.K.	03886.118.013		

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN  
 \* SAMPLE COLLECTED FROM SHALE MILLINGS AT DEPTH. MILLINGS REMOVED TO COMPETANT SHALE. NO FURTHER SAMPLING.



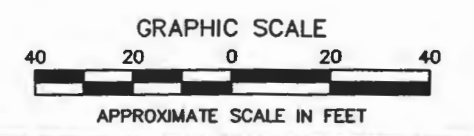


M:\Design\DWG\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-3.dwg, Layout1, 9/1/2006 12:02:59 PM, MURROT, 1:1



**LEGEND**

- ⊕ EXCAVATION CONTROL POINT
- ⊙ CONFIRMATORY EXCAVATION SAMPLES
- LIMIT OF EXCAVATION
- CASE I
- CASE II
- CASE III



MANCHESTER NEW HAMPSHIRE

DEPARTMENT OF THE ARMY  
NEW ENGLAND DISTRICT  
CORPS OF ENGINEERS  
CONCORD, MASSACHUSETTS

**PAD C**  
**ROMULUS, NEW YORK**  
**SENECA ARMY DEPOT ACTIVITY**

**TOTAL LEAD CONCENTRATIONS**

DRAWN	DATE	FIGURE NO.
A.J.M.	AUGUST 2006	4-3
CHECKED	W.O. NO.	
C.G.K.	03886.118.013	

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN



M:\Design\DWG\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-4.dwg, Layout1, 8/29/2006 2:11:18 PM, CHASET, 1:1

SAMPLE ID	ELEV	CONC
CE-ORD1-S01-0	620.5	20.3MG/KG

POINT ID	EASTING	NORTHING
CORNER	418668.9	1012143.5

SAMPLE ID	ELEV	CONC
CE-ORD1-S06-0	621.0	29.6MG/KG

SAMPLE ID	ELEV	CONC
CE-ORD1-B03-0	618.67	14JMG/KG

SAMPLE ID	ELEV	CONC
CE-ORD1-S09-0	621.4	57.5MG/KG

SAMPLE ID	ELEV	CONC
CE-ORD1-B04-0	619.20	11JMG/KG

POINT ID	EASTING	NORTHING
CORNER	418647.0	1012075.3

NO SIDEWALL

SAMPLE ID	ELEV	CONC
CE-OD1P-S02-0	621.7	16.6MG/KG

POINT ID	EASTING	NORTHING
CORNER	418603.7	1012060.9

SAMPLE ID	ELEV	CONC
CE-OD1P-S01-0	621.5	ND

SAMPLE ID	ELEV	CONC
CE-OD1P-B01-0	619.2	36.2MG/KG

SAMPLE ID	ELEV	CONC
CE-OD1P-S06-0	621.0	ND

SAMPLE ID	ELEV	CONC
CE-OD1P-S05-0	621.5	16.1MG/KG

POINT ID	EASTING	NORTHING
CORNER	418603.9	1011988.6

PAD D

SAMPLE ID	ELEV	CONC
CE-OD1P-B10-0	620.61	7.9MG/KG

POINT ID	EASTING	NORTHING
CORNER	418715.5	1012009.2

SAMPLE ID	ELEV	CONC
CE-OD1P-S03-0	622.0	ND

SAMPLE ID	ELEV	CONC
CE-OD1B-B07-0	624.3	ND

SAMPLE ID	ELEV	CONC
CE-ORD1-S08-0	622.2	17.8MG/KG

SAMPLE ID	ELEV	CONC
CE-ORD1-S03-0	621.2	19MG/KG

SAMPLE ID	ELEV	CONC
CE-ORD1-S07-0	621.0	45MG/KG

POINT ID	EASTING	NORTHING
CORNER	418738.0	1012129.9

**LEGEND**

⊕ EXCAVATION CONTROL POINT

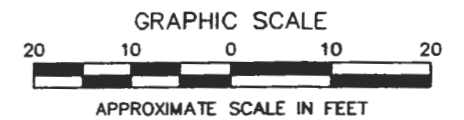
⊙ CONFIRMATORY EXCAVATION SAMPLES

— LIMIT OF EXCAVATION

 CASE I

 CASE II

 CASE III



DEPARTMENT OF THE ARMY  
NEW ENGLAND DISTRICT  
CORPS OF ENGINEERS  
CONCORD, MASSACHUSETTS



PAD D  
ROMULUS, NEW YORK  
SENECA ARMY DEPOT ACTIVITY

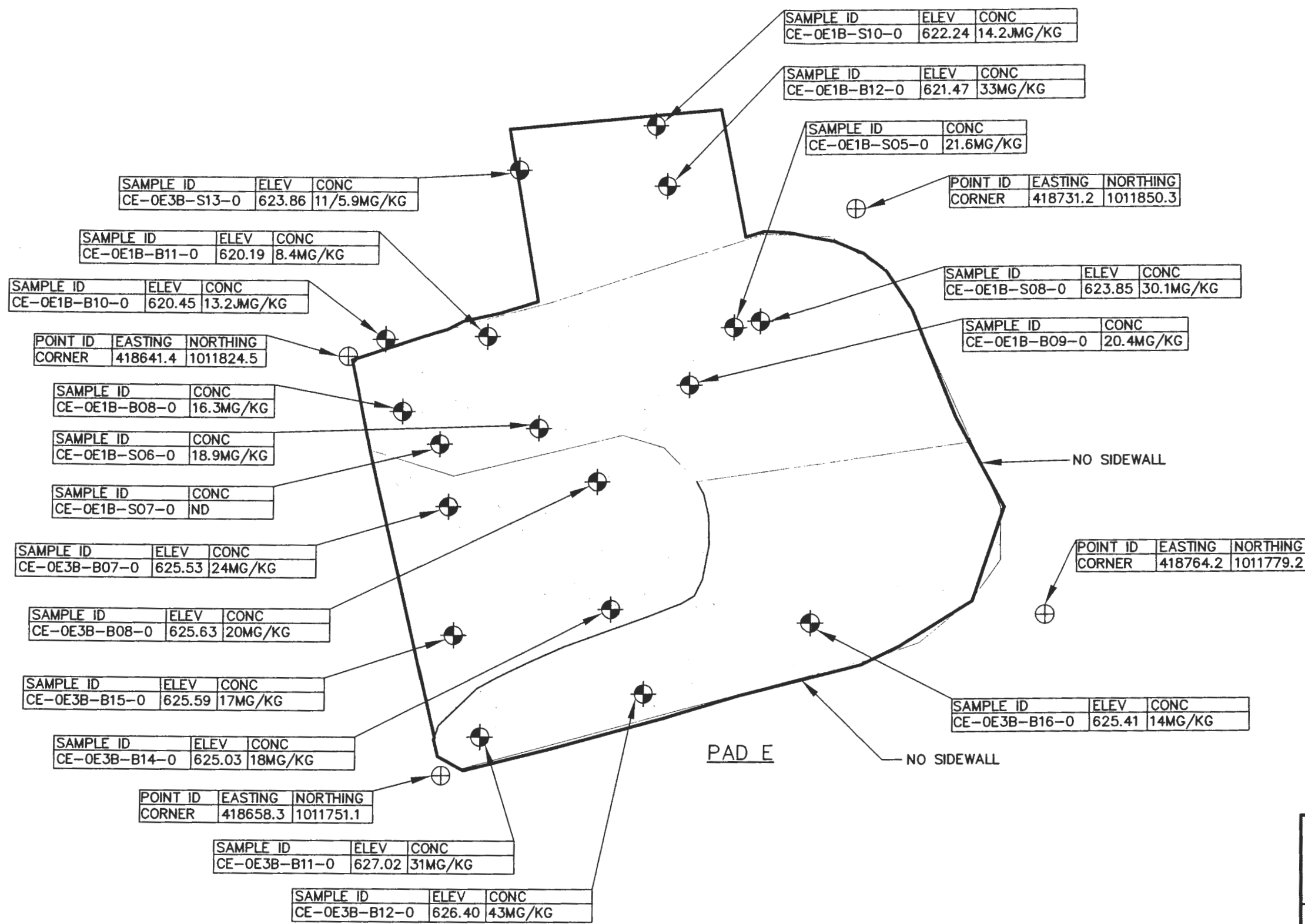
**TOTAL LEAD CONCENTRATIONS**

DRAWN	A.J.M.	DATE	AUGUST 2006	FIGURE NO.	4-4
CHECKED	C.G.K.	W.O. NO.	03886.118.013		

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN



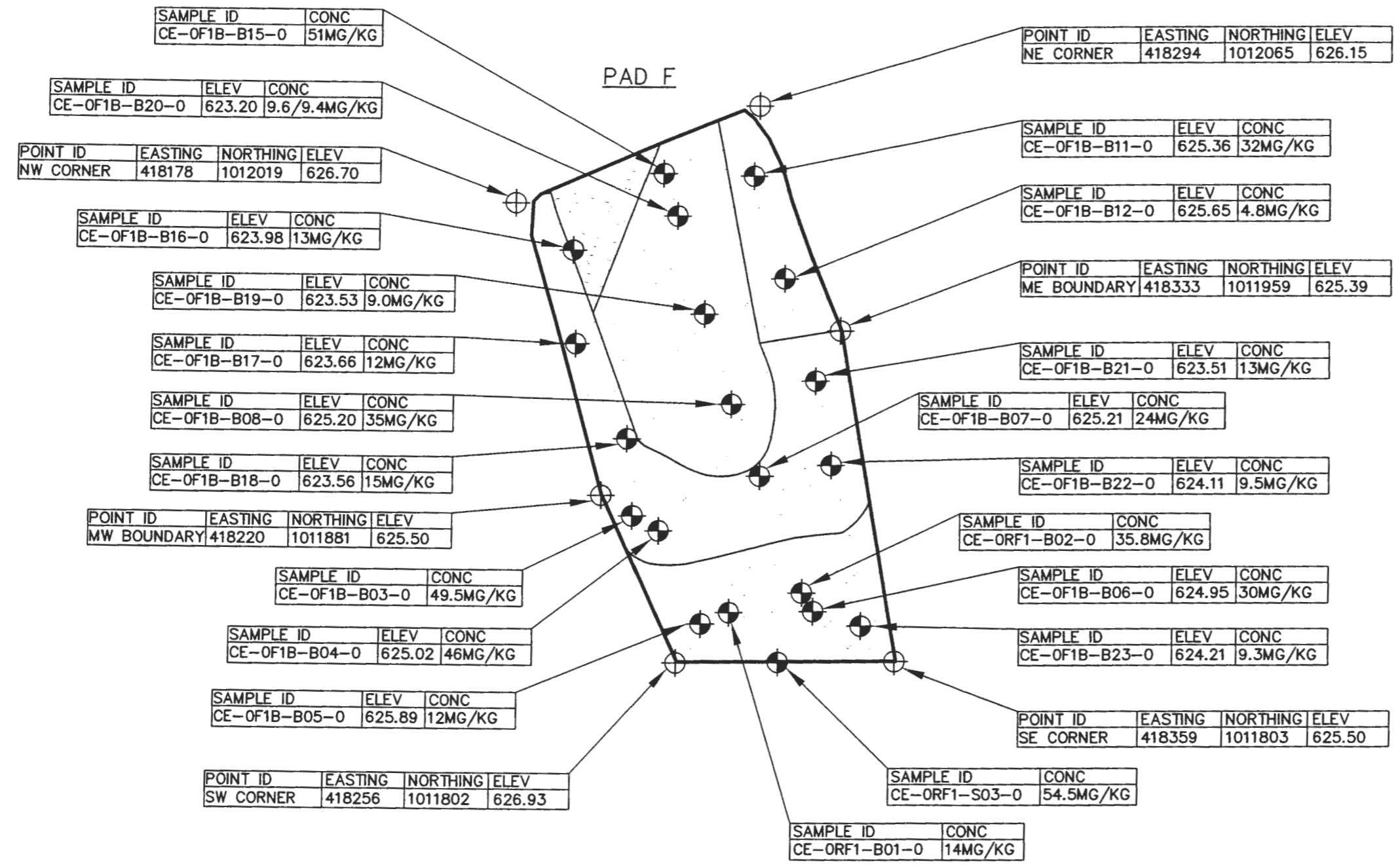
M:\Design\DWG\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-5.dwg, Layout1, 9/1/2006 11:53:39 AM, MURROT, 1:1



NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN

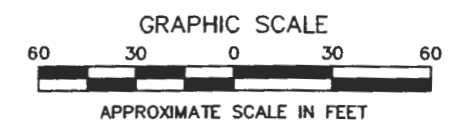
		DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS	
PAD E ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY			
<b>TOTAL LEAD CONCENTRATIONS</b>			
DRAWN	A.J.M.	DATE	AUGUST 2006
CHECKED	C.G.K.	W.O. NO.	03886.118.013
			FIGURE NO. <b>4-5</b>





**LEGEND**

- EXCAVATION CONTROL POINT
- CONFIRMATORY EXCAVATION SAMPLES
- LIMIT OF EXCAVATION
- CASE I
- CASE II
- CASE III



 MANCHESTER NEW HAMPSHIRE	DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS		
	<b>PAD F</b> ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY		
<b>TOTAL LEAD CONCENTRATIONS</b>			
DRAWN	A.J.M.	DATE	AUGUST 2006
CHECKED	C.G.K.	W.O. NO.	03886.118.013
			FIGURE NO. <b>4-6</b>

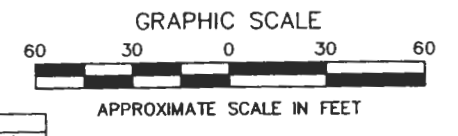
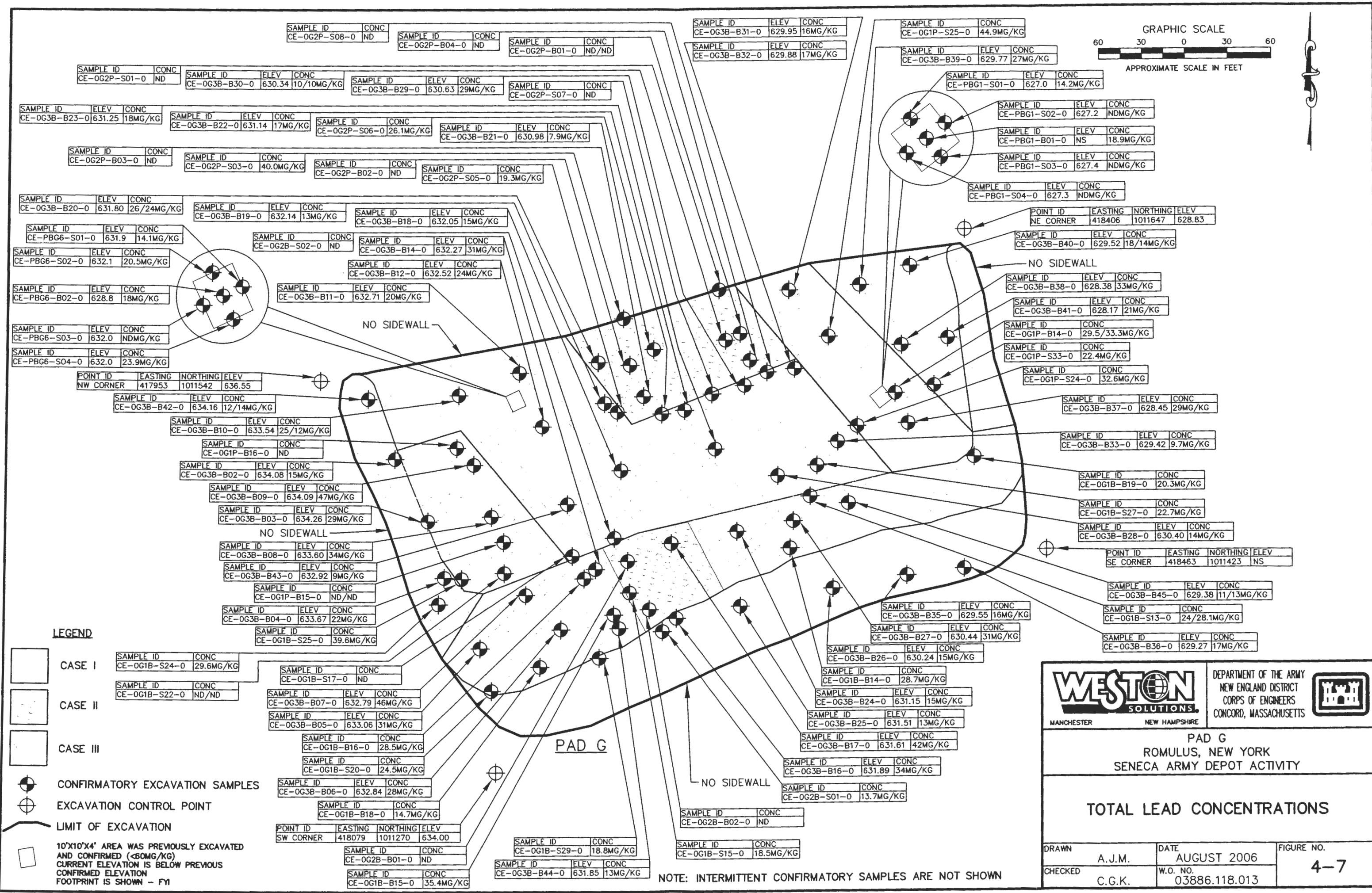
M:\Design\GACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-6.dwg. Layout1. 9/2006 2:15:38 PM. CHASET. 1:1

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN





M:\Design\DWG\ACOE\SENECA\CLOSURE REPORT\FIG 4-7.dwg, Layout1, 9/1/2006 11:55:04 AM, MURROT, 1:1



**WESTON SOLUTIONS**  
 MANCHESTER NEW HAMPSHIRE

DEPARTMENT OF THE ARMY  
 NEW ENGLAND DISTRICT  
 CORPS OF ENGINEERS  
 CONCORD, MASSACHUSETTS

PAD G  
 ROMULUS, NEW YORK  
 SENECA ARMY DEPOT ACTIVITY

<b>TOTAL LEAD CONCENTRATIONS</b>		
DRAWN	A. J. M.	DATE AUGUST 2006
CHECKED	C. G. K.	FIGURE NO. 4-7
		W. O. NO. 03886.118.013

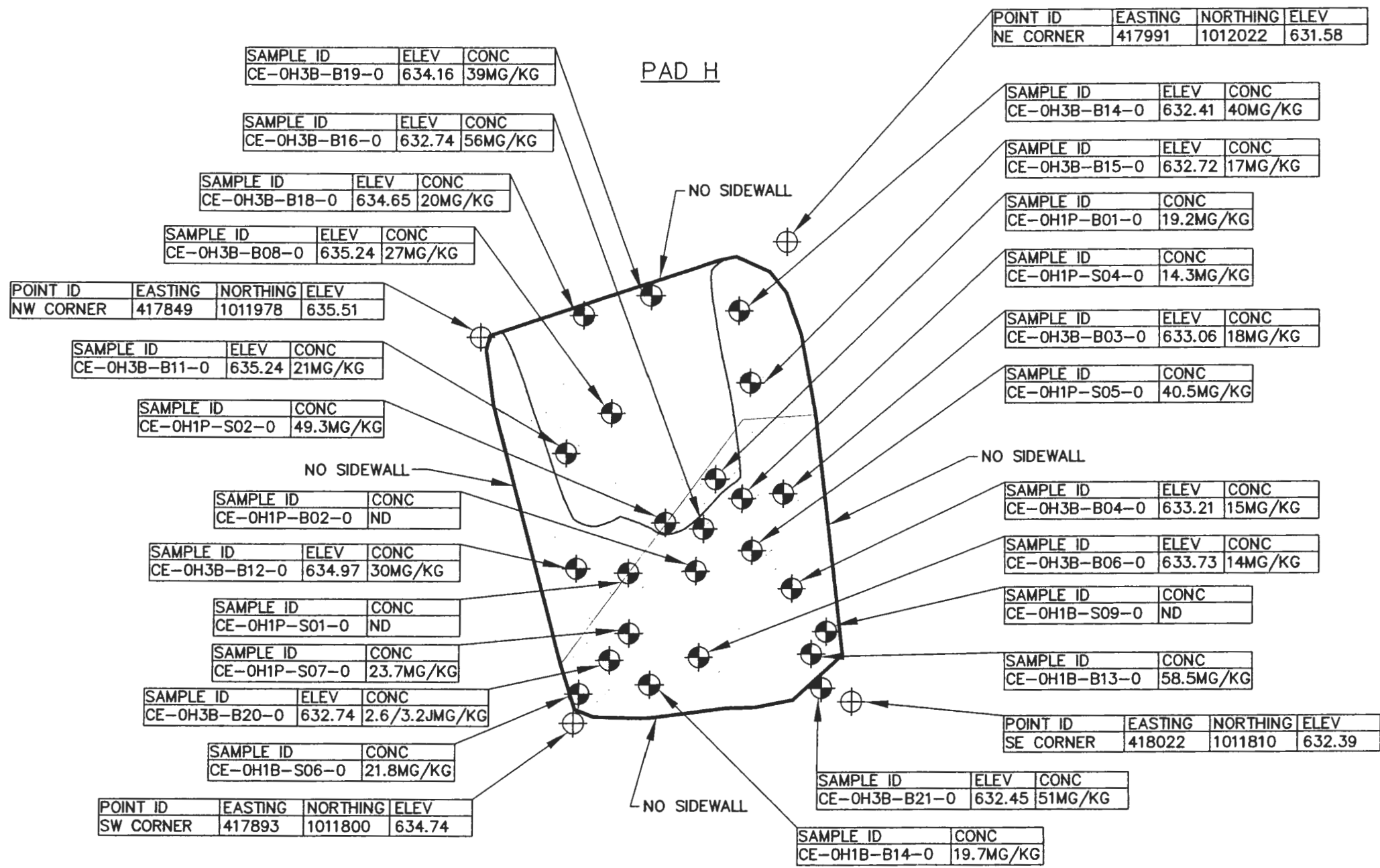
SAMPLE ID	ELEV	CONC
CE-OG2P-S08-0	ND	ND
CE-OG2P-S01-0	ND	ND
CE-OG3B-B23-0	631.25	18MG/KG
CE-OG3B-B22-0	631.14	17MG/KG
CE-OG2P-S06-0	26.1MG/KG	ND
CE-OG3B-B21-0	630.98	7.9MG/KG
CE-OG2P-S03-0	40.0MG/KG	ND
CE-OG2P-S02-0	ND	ND
CE-OG2P-S05-0	19.3MG/KG	ND
CE-OG3B-B20-0	631.80	26/24MG/KG
CE-OG3B-B19-0	632.14	13MG/KG
CE-OG3B-B18-0	632.05	15MG/KG
CE-OG3B-B17-0	632.27	31MG/KG
CE-OG3B-B16-0	632.52	24MG/KG
CE-OG3B-B15-0	632.71	20MG/KG
CE-PBG6-S01-0	631.9	14.1MG/KG
CE-PBG6-S02-0	632.1	20.5MG/KG
CE-PBG6-S03-0	632.0	NDMG/KG
CE-PBG6-S04-0	632.0	23.9MG/KG
CE-OG3B-B42-0	634.16	12/14MG/KG
CE-OG3B-B10-0	633.54	25/12MG/KG
CE-OG1P-B16-0	ND	ND
CE-OG3B-B02-0	634.08	15MG/KG
CE-OG3B-B09-0	634.09	47MG/KG
CE-OG3B-B03-0	634.26	29MG/KG
CE-OG3B-B08-0	633.60	34MG/KG
CE-OG3B-B43-0	632.92	9MG/KG
CE-OG1P-B15-0	ND	ND
CE-OG3B-B04-0	633.67	22MG/KG
CE-OG1B-S25-0	39.6MG/KG	ND
CE-OG1B-S17-0	ND	ND
CE-OG3B-B07-0	632.79	46MG/KG
CE-OG3B-B05-0	633.06	31MG/KG
CE-OG1B-B16-0	28.5MG/KG	ND
CE-OG1B-S20-0	24.5MG/KG	ND
CE-OG3B-B06-0	632.84	28MG/KG
CE-OG1B-B18-0	14.7MG/KG	ND
CE-OG1B-S29-0	18.8MG/KG	ND
CE-OG2B-S01-0	ND	ND
CE-OG3B-B44-0	631.85	13MG/KG
CE-OG3B-B31-0	629.95	16MG/KG
CE-OG3B-B32-0	629.88	17MG/KG
CE-OG1P-S25-0	44.9MG/KG	ND
CE-OG3B-B39-0	629.77	27MG/KG
CE-PBG1-S01-0	627.0	14.2MG/KG
CE-PBG1-S02-0	627.2	NDMG/KG
CE-PBG1-B01-0	NS	18.9MG/KG
CE-PBG1-S03-0	627.4	NDMG/KG
CE-PBG1-S04-0	627.3	NDMG/KG
CE-OG3B-B40-0	629.52	18/14MG/KG
CE-OG3B-B38-0	628.38	33MG/KG
CE-OG3B-B41-0	628.17	21MG/KG
CE-OG1P-B14-0	29.5/33.3MG/KG	ND
CE-OG1P-S33-0	22.4MG/KG	ND
CE-OG1P-S24-0	32.6MG/KG	ND
CE-OG3B-B37-0	628.45	29MG/KG
CE-OG3B-B33-0	629.42	9.7MG/KG
CE-OG1B-B19-0	20.3MG/KG	ND
CE-OG1B-S27-0	22.7MG/KG	ND
CE-OG3B-B28-0	630.40	14MG/KG
CE-OG3B-B45-0	629.38	11/13MG/KG
CE-OG1B-S13-0	24/28.1MG/KG	ND
CE-OG3B-B36-0	629.27	17MG/KG
CE-OG3B-B27-0	630.44	31MG/KG
CE-OG3B-B26-0	630.24	15MG/KG
CE-OG1B-B14-0	28.7MG/KG	ND
CE-OG3B-B24-0	631.15	15MG/KG
CE-OG3B-B25-0	631.51	13MG/KG
CE-OG3B-B17-0	631.61	42MG/KG
CE-OG3B-B16-0	631.89	34MG/KG
CE-OG2B-S01-0	13.7MG/KG	ND
CE-OG1B-S15-0	18.5MG/KG	ND
CE-OG1B-S15-0	18.5MG/KG	ND
CE-OG1B-S15-0	18.5MG/KG	ND

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN

**LEGEND**

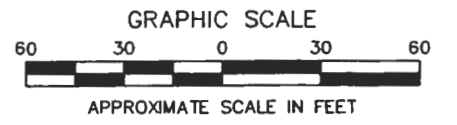
- CASE I
- CASE II
- CASE III
- CONFIRMATORY EXCAVATION SAMPLES
- EXCAVATION CONTROL POINT
- LIMIT OF EXCAVATION
- 10'X10'X4' AREA WAS PREVIOUSLY EXCAVATED AND CONFIRMED (<60MG/KG) CURRENT ELEVATION IS BELOW PREVIOUS CONFIRMED ELEVATION FOOTPRINT IS SHOWN - FY1





**LEGEND**

- EXCAVATION CONTROL POINT
- CONFIRMATORY EXCAVATION SAMPLES
- LIMIT OF EXCAVATION
- CASE I
- CASE II
- CASE III



 MANCHESTER NEW HAMPSHIRE	DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS	
	<b>PAD H</b> ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY	

## TOTAL LEAD CONCENTRATIONS

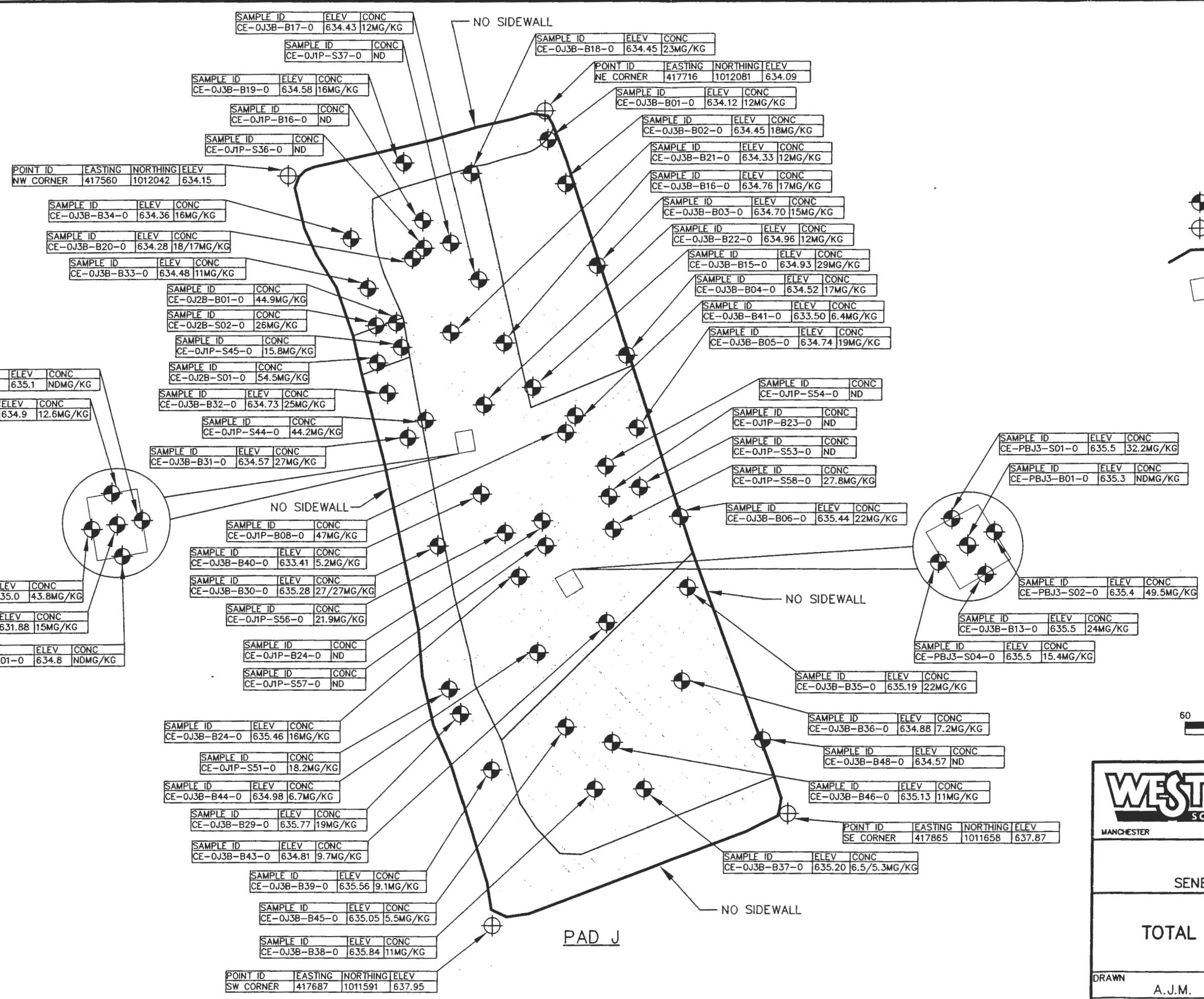
DRAWN	A.J.M.	DATE	AUGUST 2006	FIGURE NO.	4-8
CHECKED	C.G.K.	W.O. NO.	03886.118.013		

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN








M:\Design\DWG\ACOE\SENECA\2nd Phase\New Pad DWGs\CLOSURE REPORT\FIG 4-8.dwg. Layout1, 8/29/2006 2:17:48 PM, CHASET, 1:1

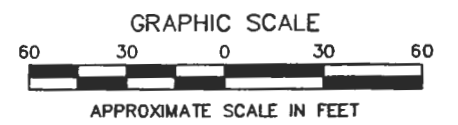



M:\Design\3\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\Fig 4-9.dwg, Layout1, P 1/9/2006 3:01:43 PM, CHASET, 1:1



**LEGEND**

-  CONFIRMATORY EXCAVATION SAMPLES
-  EXCAVATION CONTROL POINT
-  LIMIT OF EXCAVATION
-  10'X10'X4' AREA WAS PREVIOUSLY EXCAVATED AND CONFIRMED (<80MG/KG) CURRENT ELEVATION IS AT OR BELOW PREVIOUS CONFIRMED ELEVATION FOOTPRINT IS SHOWN - FY
-  CASE I
-  CASE II
-  CASE III

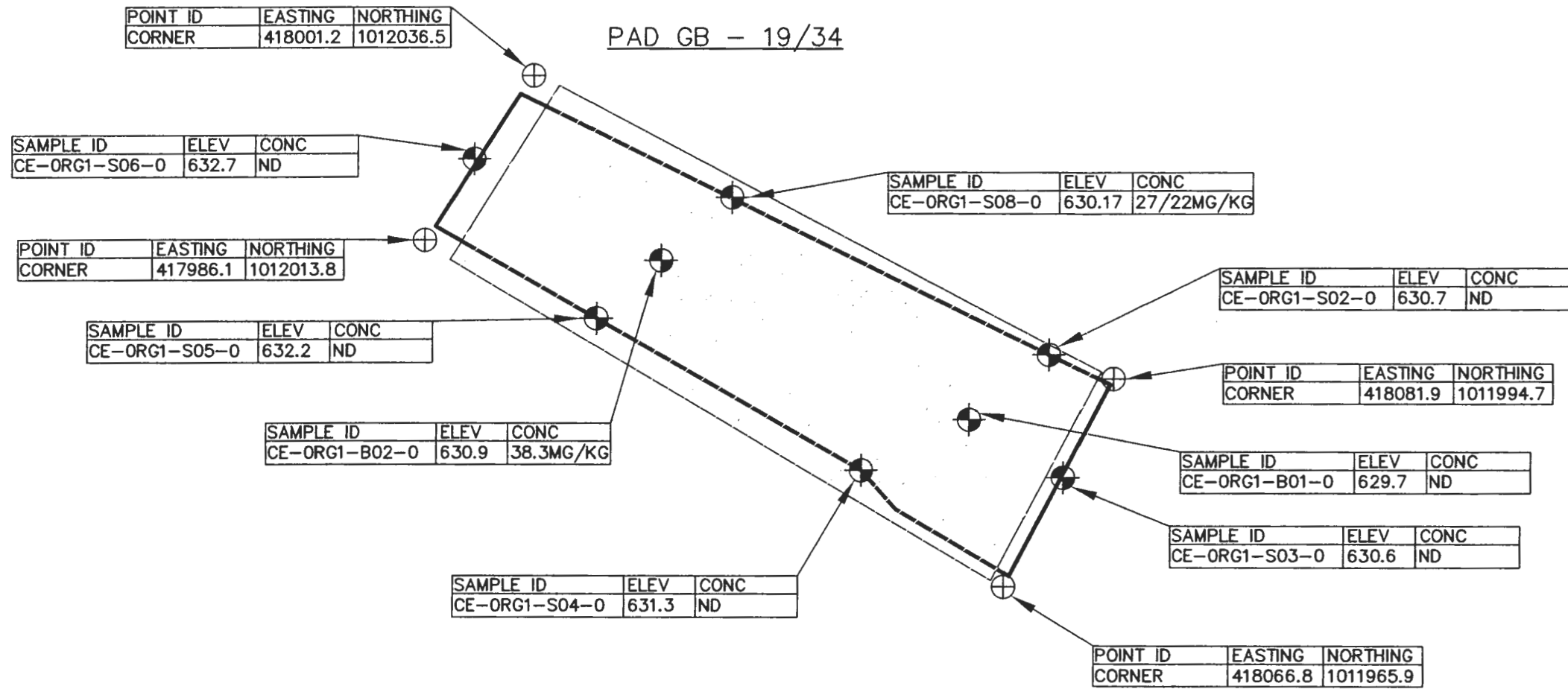





<b>WESTON SOLUTIONS</b> MANCHESTER NEW HAMPSHIRE		DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS	
PAD J ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY			
<b>TOTAL LEAD CONCENTRATIONS</b>			
DRAWN	A.J.M.	DATE	AUGUST 2006
CHECKED	C.G.K.	W.O. NO.	03886.118.013
			FIGURE NO. <b>4-9</b>

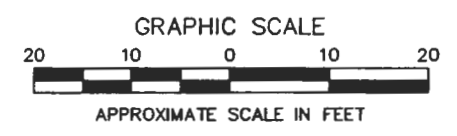
NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN





M:\Design\5\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-10.dwg. Layout1 29/2006 2:20:22 PM, CHASET, 1:1



- LEGEND**
- ⊕ EXCAVATION CONTROL POINT
  - ⊙ CONFIRMATORY EXCAVATION SAMPLES
  -  CASE I
  -  CASE II
  -  CASE III



 <small>MANCHESTER NEW HAMPSHIRE</small>	DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS 	
PAD GB - 19/34 ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY		
TOTAL LEAD CONCENTRATIONS		
DRAWN	DATE	FIGURE NO.
A.J.M.	AUGUST 2006	4-10
CHECKED	W.O. NO.	
C.G.K.	03886.118.013	

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN





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**ATTACHMENT B**

---



Open Burning Grounds Site Pictures  
Weston Solutions, Inc.  
Seneca Army Depot  
Romulus, NY



Pad A



Pad B



Pad C



Pad D

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RESEARCH REPORT  
NO. 1000



0.1 sec



0.2 sec

Open Burning Grounds Site Pictures  
Weston Solutions, Inc.  
Seneca Army Depot  
Romulus, NY



Pad E



Pad G



Pad G (Second Picture)



Pad H

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MICHIGAN LIBRARY  
ANN ARBOR, MICHIGAN



11 1/2

(11 1/2) 11 1/2



Open Burning Grounds Site Pictures  
Weston Solutions, Inc.  
Seneca Army Depot  
Romulus, NY



Pad J



Reeder Creek (North Post-Excavation)



Reeder Creek (North Post Excavation)



Reeder Creek South Dam

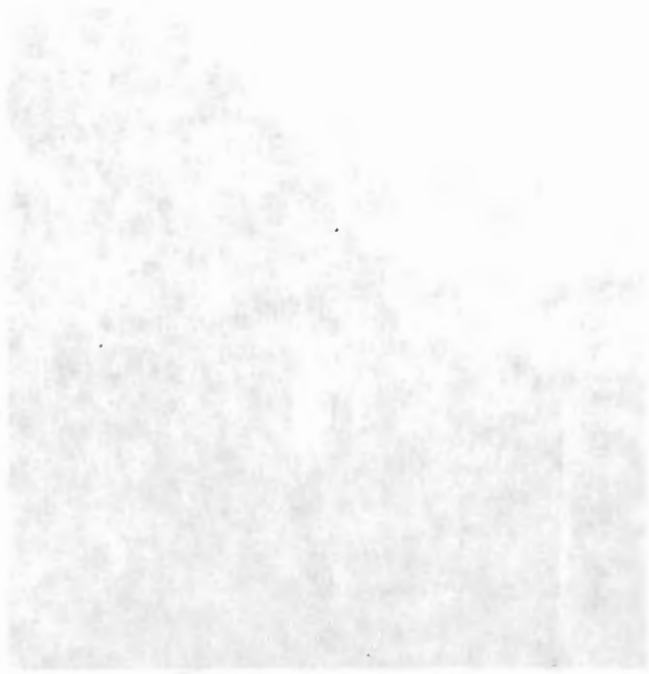


Figure 1. (a) Control Group

Figure 2. (b) Experimental Group



Open Burning Grounds Site Pictures  
Weston Solutions, Inc.  
Seneca Army Depot  
Romulus, NY



Surveying Reeder Creek



Mixing Soil During Soil Stabilization



Spreading and mixing Stabilized Soil



Removing Stabilized Soil in 1' Lifts



Figure 1. Soil structure in 1995.

Figure 2. Soil structure in 1996.

Open Burning Grounds Site Pictures  
Weston Solutions, Inc.  
Seneca Army Depot  
Romulus, NY



Soil After Discing



OBG Looking East From 1 ft. Cut at Grid K5



Grids J8 and K8 After Plowing



OBG Looking NW from 1 ft. Cut at Grid K5

THE  
HISTORICAL  
RECORD  
OF THE  
CITY OF  
MEMPHIS



1850-1860

1860-1870



Open Burning Grounds Site Pictures  
Weston Solutions, Inc.  
Seneca Army Depot  
Romulus, NY



OBG Looking West from 1 ft. Cut at Grid K5



Close-up Topsoil Cover Material



OBG Looking SW from 1ft. Cut at Grid K5



Tractor and Chisel Plow/Disc



Very faint, illegible text at the bottom left of the page.

Very faint, illegible text at the bottom right of the page.

Open Burning Grounds Site Pictures  
Weston Solutions, Inc.  
Seneca Army Depot  
Romulus, NY



Growth on OBG 1ft. Cut Area

1. Introduction  
2. Literature Review  
3. Methodology  
4. Results  
5. Discussion  
6. Conclusion





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**ATTACHMENT C**

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## EXECUTIVE SUMMARY

This Completion Removal Report documents soil and sediment remediation of the Open Burning (OB) Grounds at the Seneca Army Depot Activity (SEDA) located in Seneca County, New York. This work was performed by Weston Solutions, Inc. (WESTON®) under the Hazardous, Toxic and Radioactive Waste Contract Number DACW33-95-D-0004, Delivery Order No. 0013 for the U.S. Army Corps of Engineers (USACE), New England District with support provided by USACE, New York District and SEDA.

Remediation activities at the site were conducted between June 1999 and May 2004. Work was conducted over this 5-year period in several different mobilizations and included the following tasks:

- Mobilization and site preparation, including surveying and excavation area layout.
- Decommissioning of 33 groundwater monitoring wells.
- Excavation of approximately 88,000 cubic yards (cy) of Case I soil (>800 milligrams per kilogram (mg/kg) total lead), Case II soil (500 mg/kg – 800 mg/kg total lead), and Case III soil (<500 mg/kg total lead).
- Diversion of Reeder Creek and excavation of approximately 2,300 cy of creek sediments.
- Post-excavation confirmation sampling and characterization sampling.
- Stabilization of soils and sediments to meet Toxicity Characteristic Leaching Procedure hazardous waste disposal criteria.
- Off-site disposal of approximately 7,000 tons of untreated soil and 50,400 tons of treated (stabilized) soils and sediment as non-hazardous material at a licensed disposal facility.
- Off-site disposal of approximately 283,300 gallons of wastewater generated from site activities.
- Site restoration including: backfilling, grading, and seeding the site.

At the start of the project, the activities listed above were coordinated between WESTON and EOD Technologies, Inc. (EODT). Initial ordnance explosive removal, and soil excavation and handling activities were performed by EODT. All confirmation and characterization sampling

was performed by WESTON. In Fall 2001, WESTON assumed EODT's responsibilities and continued with all remaining remediation tasks through restoration of the OB Grounds. All Unexploded Ordnance (UXO) removal relating to the Soil and Sediment Remediation at the Open Burning Grounds was performed under a separate contract with USACE for the Army in accordance with the Explosives Safety Submission. An OE Removal Report dated August 2003 was submitted to the Department of Defense Explosives Safety Board.

The following cleanup objectives were established for the OB Grounds:

- A cleanup goal of 60 mg/kg total of lead in soil (for cover purposes) and 500 mg/kg for off-site disposal.
- Cleanup goals of 31 mg/kg total lead and 16 mg/kg total copper for sediment.

Confirmatory soil sample results obtained throughout execution of the OB Grounds remediation indicate that the horizontal and vertical extents of the pad and berm locations have been sufficiently delineated and reduced to below 60 mg/kg (21.9 mg/kg average), while all surface soils and perimeter locations have been reduced to below 500 mg/kg (43 mg/kg site wide average). In addition, elevated levels of lead and copper previously identified in Reeder Creek sediments have been delineated and remediated.

A total of 28 grids encompassing an area of approximately 7 acres have been backfilled to a depth of 9 inches using excavated soils containing less than 60 mg/kg total lead. Additional clean topsoil has been imported to the site and all accessible areas of the OB Grounds have been fine-graded and seeded.

Based on the data obtained during the soil and sediment remediation, it is recommended that USACE, SEDA, New York State Department of Environmental Conservation, and U.S. Environmental Protection Agency evaluate the OB Grounds for closure and/or transfer status.

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**ATTACHMENT D**

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### 3. MONITORING WELL DECOMMISSIONING

A total of 33 monitoring wells (MW-1 through MW-41 and GB-20) were decommissioned by Maxim Technologies, Inc. between 6 August 1999 and 27 August 1999, prior to the start of excavation activities in the OB Grounds. A well decommissioning summary including the well ID, well depth, water depth, and well diameter parameters is presented in Table 3-1. Monitoring well locations are shown in Figures 14 and 15 of the *Section C Technical Specifications* (Parsons, 1998). Monitoring Well Field Inspection Logs for these wells, as required by the NYSDEC Well Decommissioning Program, are on file and available upon request. Monitoring wells MW-12, MW-14, and MW-27 were Resource Conservation and Recovery Act (RCRA) wells that were decommissioned per USACE and SEDA approval on 3 August 1999. Monitoring well MW-28 could not be located based on a review of existing data and through field surveys using existing SEAD monuments (SEAD-4, SEAD-5, and SEAD-6) as control points. However, monitoring well GB-20, located approximately 100 ft. northwest of the SEAD-4 survey monument (elev. 629.37) in the immediate area of MW-28 was identified instead in the same area and was decommissioned.

The wells were decommissioned in accordance with the October 1996 NYSDEC Groundwater Monitoring Well Decommissioning Procedures. The case pulling method was used for all wells. The bottoms of the well casings were punctured, and a cement/bentonite grout mixture was pumped into the well as it was pulled out of the ground. Grout was inserted into the wells up to the existing ground surface level.

**Table 3-1 Well Decommissioning Summary**

Well ID	Well Depth (ft bgs)	Water Depth (ft bgs)	Well Dia. (in)	Well ID	Well Depth (ft bgs)	Water Depth (ft bgs)	Well Dia. (in)
MW-1	9.0	NA	4	MW-23	13.5	7.8	2
MW-5	9.6	8.1	4	MW-24	7.5	NA	2
MW-6	8.0	7.8	4	MW-25	12.0	11.6	2
MW-7	4.5	NA	4	MW-26	5.0	4.6	2
MW-8	9.8	7.9	2	MW-27	13.5	7.9	2
MW-9	6.5	5.9	2	MW-28	Well not found.		
MW-10	10.3	9.1	2	MW-29	13.0	9.0	2
MW-11	9.5	9.0	2	MW-30	13.0	12.1	2
MW-12	8.5	6.7	2	MW-31	10.7	7.5	2
MW-14	9.3	NA	2	MW-32	14.5	7.3	2
MW-15	7.3	NA	2	MW-36	9.0	8.0	2

MW-16	7.0	6.4	2	MW-37	6.0	5.1	2
MW-17	11.0	6.2	2	MW-38	6.5	6.5	2
MW-18	12.3	7.1	2	MW-39	12.0	7.2	2
MW-19	4.5	NA	2	MW-40	5.0	4.6	2
MW-21	15.2	6.9	2	MW-41	6.0	NA	2
MW-22	16.2	7.2	2	GB-20	14.0	8.9	2



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**ATTACHMENT E**

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# 1. INTRODUCTION

This Completion Removal Report documents soil and sediment remediation of the Open Burning (OB) Grounds (“the Site”) at the Seneca Army Depot Activity (SEDA) located in Seneca County, New York. This work was performed by Weston Solutions, Inc. (WESTON®) under Hazardous, Toxic and Radioactive Waste Contract Number DACW33-95-D-0004, Delivery Order No. 0013, for the U.S. Army Corps of Engineers (USACE), New England District (CENAE) with support provided by USACE, New York District and SEDA. All work performed under this contract was conducted in accordance with the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) and the “Federal Facility Agreement under CERCLA Section 120 in the matter of Seneca Army Depot, Romulus, New York”.

The following documents governed the scope of work, procedures and methods, and quality control/quality assurance (QC/QA) requirements associated with this project:

- *Section C – Final Technical Specifications, Soil and Sediment Remediation at the Open Burning (OB) Grounds*, Parsons Engineering Science, Inc. (Parsons), August 1998.
- *Revised Draft Project Work Plan and Contractor Quality Control Plan (CQCP)*, WESTON, April 1999.
- *Revised Draft Project Sampling and Analysis Plan and Quality Assurance Project Plan*, WESTON, April 1999.
- *Revised Draft Site Safety and Health Plan, Emergency Response and Contingency Plan, and Site Specific Health and Safety Plan*, WESTON, April 1999.
- *Contractor Quality Control Plan*, U.S. Army Corps of Engineers, New York District (CENAN), March 1998.

## 1.1 SITE BACKGROUND

The OB Grounds was included on the Federal Facilities National Priorities List on 13 July 1989. In early 1995, under the Base Realignment and Closure process, the Department of Defense



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**ATTACHMENT F**

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**Table 4-3  
Explosives Summary-Soil  
Open Burning Grounds  
Seneca Army Depot Activity, Romulus, NY**

Sample ID	Units	HMX	RDX	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	Tetryl	Nitrobenzene	2,4,6-Trinitrobenzene	4-Amino-2,6-Dinitrotoluene	2-Amino-4,6-Dinitrotoluene	2,6-Dinitrotoluene	2,4-Dinitrotoluene	2-Nitrotoluene	4-Nitrotoluene	3-Nitrotoluene
CE-0G1P-B17-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0G1P-B18-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0G1P-B19-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0G1P-B20-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0G1P-B21-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0G1P-B22-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0G1P-B23-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0G1P-B23-1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0A1P-B05-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	97.6	ND	ND	ND	ND	ND	ND
CE-0A1P-B06-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0A1P-B06-1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0H1P-B03-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0H1P-B04-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0C1P-B06-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0C1P-B07-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0J1P-B16-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	111	ND	244	ND	ND	ND	ND
CE-0J1P-B16-1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	145	ND	ND	ND	ND
CE-0J1P-B17-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	108	ND	ND	ND	ND
CE-0J1P-B18-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	72.5	ND	ND	ND	ND
CE-0J1P-B19-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	88.4	ND	60	ND	ND
CE-0J1P-B20-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.1	ND	ND	ND	ND
CE-0J1P-B21-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	166	ND	ND	ND	ND
CE-0J1P-B22-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0J1P-B23-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0J1P-B24-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0J1P-B25-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0B1P-B03-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0B1P-B04-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CE-0D1P-B02-0	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Totals</b>	mg/kg	ND	ND	ND	ND	ND	ND	ND	208.6	ND	903	ND	60	ND	ND
<b>NYSDEC Cleanup Goal</b>	mg/kg	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000





# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-OG1P-B17-0
Lab Order:	9911100	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/9/99 4:35:00 PM
Lab ID:	9911100-07A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	16.10

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3,5-Trinitrobenzene	ND		0.228	Ug/Kg	1	11/23/99 4 18:33 PM	LC-3_991123A	SDC
1,3-Dinitrobenzene	ND		0.228	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.228	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.228	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.228	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.913	Ug/Kg	1			
2-Nitrotoluene	ND		0.228	Ug/Kg	1			
3-Nitrotoluene	ND		0.228	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.913	Ug/Kg	1			
4-Nitrotoluene	ND		0.228	Ug/Kg	1			
HMX	ND		0.913	Ug/Kg	1			
Nitrobenzene	ND		0.913	Ug/Kg	1			
RDX	ND		0.913	Ug/Kg	1			
Tetryl	ND		0.913	Ug/Kg	1			
Surr: 3,4-Dinitrotoluene	100.2		55-135	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	is - Value above quantitation range	Limit - Reporting Limit
	HI - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OG1P-B18-0
<b>Lab Order:</b>	9911100	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/9/99 4:38:00 PM
<b>Lab ID:</b>	9911100-08A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	14.40

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3,5-Trinitrobenzene	ND		0.24	Ug/Kg	1	11/23/99 5:30:28 PM	LC-3_991123A	SDC
1,3-Dinitrobenzene	ND		0.24	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.24	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.24	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.24	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.962	Ug/Kg	1			
2-Nitrotoluene	ND		0.24	Ug/Kg	1			
3-Nitrotoluene	ND		0.24	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.962	Ug/Kg	1			
4-Nitrotoluene	ND		0.24	Ug/Kg	1			
HMX	ND		0.962	Ug/Kg	1			
Nitrobenzene	ND		0.962	Ug/Kg	1			
RDX	ND		0.962	Ug/Kg	1			
Tetryl	ND		0.962	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	101.5		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

# Laboratory Results

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-OG1P-B19-0
<b>Lab Order:</b> 9911100	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 11/9/99 4:43:00 PM
<b>Lab ID:</b> 9911100-09A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 17.50

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3,5-Trinitrobenzene	ND		0.238	Ug/Kg	1	11/23/99 6:42:21 PM	LC-3_991123A	SDC
1,3-Dinitrobenzene	ND		0.238	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.238	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.238	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.238	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.952	Ug/Kg	1			
2-Nitrotoluene	ND		0.238	Ug/Kg	1			
3-Nitrotoluene	ND		0.238	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.952	Ug/Kg	1			
4-Nitrotoluene	ND		0.238	Ug/Kg	1			
HMX	ND		0.952	Ug/Kg	1			
Nitrobenzene	ND		0.952	Ug/Kg	1			
RDX	ND		0.952	Ug/Kg	1			
Tetryl	ND		0.952	Ug/Kg	1			
Surr.3 4-Dinitrotoluene	106.7		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	L - Analyte detected below Reporting Limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	F - Value above quantitation range	Limit - Reporting Limit
	II - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OG1P-B20-0
<b>Lab Order:</b>	9911100	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/9/99 4:46:00 PM
<b>Lab ID:</b>	9911100-10A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	18.60

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3-Dinitrobenzene	ND		0.245	Ug/Kg	1	11/23/99 7:54:13 PM	LC-3_991123A	SDC
2,4,6-Trinitrotoluene	ND		0.245	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.245	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.245	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.38	Ug/Kg	1			
2-Nitrotoluene	ND		0.245	Ug/Kg	1			
3-Nitrotoluene	ND		0.245	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.98	Ug/Kg	1			
4-Nitrotoluene	ND		0.245	Ug/Kg	1			
HMX	ND		0.38	Ug/Kg	1			
Nitrobenzene	ND		0.98	Ug/Kg	1			
RDX	ND		0.98	Ug/Kg	1			
Tetryl	ND		0.98	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	109.7		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	L - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-OG1P-B21-0				
Lab Order:	9911100	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	11/9/99 4:50:00 PM				
Lab ID:	9911100-11A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	13.50

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### NITROAROMATICS AND NITRAMINES BY METHOD 8330 1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.234	Ug/Kg	1	11/23/99 9:06:05 PM	LC-3_991123A	SDC
1,3-Dinitrobenzene	ND		0.234	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.234	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.234	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.234	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.935	Ug/Kg	1			
2-Nitrotoluene	ND		0.234	Ug/Kg	1			
3-Nitrotoluene	ND		0.234	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.935	Ug/Kg	1			
4-Nitrotoluene	ND		0.234	Ug/Kg	1			
HMX	ND		0.935	Ug/Kg	1			
Nitrobenzene	ND		0.935	Ug/Kg	1			
RDX	ND		0.935	Ug/Kg	1			
Tetryl	ND		0.935	Ug/Kg	1			
Surrogate 3,4-Dinitrotoluene	96.8		55-135	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting Limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	U - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

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# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-OG1P-B22-0
<b>Lab Order:</b> 9911100	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 11/9/99 4:56:00 PM
<b>Lab ID:</b> 9911100-12A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 8.09

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3,5-Trinitrobenzene	ND		0.246	Ug/Kg	1	11/23/99 10:17:56 PM	LC-3_991123A	SOC
1,3-Dinitrobenzene	ND		0.246	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.246	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.246	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.246	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.985	Ug/Kg	1			
2-Nitrotoluene	ND		0.246	Ug/Kg	1			
3-Nitrotoluene	ND		0.246	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.985	Ug/Kg	1			
4-Nitrotoluene	ND		0.246	Ug/Kg	1			
HMX	ND		0.985	Ug/Kg	1			
Nitrobenzene	ND		0.385	Ug/Kg	1			
RDX	ND		0.385	Ug/Kg	1			
Tetryl	ND		0.985	Ug/Kg	1			
Sur: 3,4-Dinitrotoluene	98.0		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	" - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	L - Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Sur - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

# Laboratory Results

Analytical Services Center

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NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc.

Client Sample ID: CE-OG1P-B23-0

Lab Order: 9911100

Alt. Client ID:

Project: Seneca Army Depot Activity

Collection Date: 11/9/99 4:59:00 PM

Lab ID: 9911100-13A Sample Type: SAMP

Matrix: SOIL

% Moist: 11.40

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_5</b>								
1,3,5-Trinitrobenzene	ND		0.245	Ug/Kg	1	11/23/99 11:29:53 PM	LC-3_991123A	SDC
1,3-Dinitrobenzene	ND		0.245	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.245	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.245	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.245	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.98	Ug/Kg	1			
2-Nitrotoluene	ND		0.245	Ug/Kg	1			
3-Nitrotoluene	ND		0.245	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.98	Ug/Kg	1			
4-Nitrotoluene	ND		0.245	Ug/Kg	1			
HMX	ND		0.98	Ug/Kg	1			
Nitrobenzene	ND		0.98	Ug/Kg	1			
RDX	ND		0.98	Ug/Kg	1			
Tetryl	ND		0.98	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	105.9		55-135	%REC	1			

Definitions:			
ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits	
J - Analyte detected below Reporting Limits	R - RPD outside recovery limits	Q - Qualifier	
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit	
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound		

# Ecology and Environment, Inc.

Analytical Services Center

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# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-OG1P-B23-1
<b>Lab Order:</b>	9911100	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/9/99 4:59:00 PM
<b>Lab ID:</b>	9911100-14A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	9.49

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3,5-Trinitrobenzene	ND		0.235	Ug/Kg	1	11/24/99 12:41:46 AM	LC-3_991123A	SDC
1,3-Dinitrobenzene	ND		0.235	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.235	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.235	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.235	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.939	Ug/Kg	1			
2-Nitrotoluene	ND		0.235	Ug/Kg	1			
3-Nitrotoluene	ND		0.235	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.939	Ug/Kg	1			
4-Nitrotoluene	ND		0.235	Ug/Kg	1			
HMX	ND		0.939	Ug/Kg	1			
Nitrobenzene	ND		0.939	Ug/Kg	1			
RDX	ND		0.939	Ug/Kg	1			
Tetryl	ND		0.939	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	103.5		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	L - Analyte detected below Reporting limits	R - RFD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0 Dev - 11/23/99 5:00:00 PM



# Ecology and Environment, Inc.

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 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
 Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0A1P-B05-0
Lab Order:	9911080	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/8/99 4:40:00 PM
Lab ID:	9911080-01A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	10.30

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### NITROAROMATICS AND NITRAMINES BY METHOD 8330

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.024	Ug/Kg	1	11/18/99 5:58:20 PM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.024	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.024	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.096	Ug/Kg	1			
2-Nitrotoluene	ND		0.024	Ug/Kg	1			
3-Nitrotoluene	ND		0.024	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	0.0976		0.096	Ug/Kg	1			
4-Nitrotoluene	ND		0.024	Ug/Kg	1			
4-MX	ND		0.096	Ug/Kg	1			
4-nitrobenzene	ND		0.096	Ug/Kg	1			
RDX	ND		0.096	Ug/Kg	1			
Trityl	ND		0.096	Ug/Kg	1			
Surr.3,4-Dinitrotoluene	96.8		55-136	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

DMS Version #: 3.1.1.0Dev - 11/20/99 5:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0A1P-B06-0
<b>Lab Order:</b>	9911080	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/8/99 4:43:00 PM
<b>Lab ID:</b>	9911080-02A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	6.87

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**  
**1\_8330\_S**

1,3,6-Trinitrobenzene	ND		0.025	Ug/Kg	1	11/18/99 7:10:13 PM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.025	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.025	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.025	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.025	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.102	Ug/Kg	1			
2-Nitrotoluene	ND		0.025	Ug/Kg	1			
3-Nitrotoluene	ND		0.025	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.102	Ug/Kg	1			
4-Nitrotoluene	ND		0.025	Ug/Kg	1			
1MX	ND		0.102	Ug/Kg	1			
Nitrobenzene	ND		0.102	Ug/Kg	1			
2DX	ND		0.102	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.102	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	97.9		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

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 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
 Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0AIP-B06-1
Lab Order:	9911080	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/8/99 4:43:00 PM
Lab ID:	9911080-03A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	5.77

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**  
**1\_8330\_S**

1,3,5-Trinitrobenzene	ND		0.022	Ug/Kg	1	11/19/99 8:22:05 PM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.022	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.022	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.022	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.022	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.089	Ug/Kg	1			
2-Nitrotoluene	ND		0.022	Ug/Kg	1			
3-Nitrotoluene	ND		0.022	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.089	Ug/Kg	1			
4-Nitrotoluene	ND		0.022	Ug/Kg	1			
HMX	ND		0.089	Ug/Kg	1			
Nitrobenzene	ND		0.089	Ug/Kg	1			
RDX	ND		0.089	Ug/Kg	1			
Tetryl	ND		0.089	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	105.5		55-135	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	L - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

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# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0H1P-B03-0
<b>Lab Order:</b>	9911080	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/8/99 4:46:00 PM
<b>Lab ID:</b>	9911080-04A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	11.70

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### NITROAROMATICS AND NITRAMINES BY METHOD 8330

#### 1\_8330\_S

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,3,5-Trinitrobenzene	ND		0.024	Ug/Kg	1	11/19/99 9:33:56 PM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.024	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.024	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.097	Ug/Kg	1			
2-Nitrotoluene	ND		0.024	Ug/Kg	1			
3-Nitrotoluene	ND		0.024	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.097	Ug/Kg	1			
4-Nitrotoluene	ND		0.024	Ug/Kg	1			
HMX	ND		0.097	Ug/Kg	1			
Nitrobenzene	ND		0.097	Ug/Kg	1			
RDX	ND		0.097	Ug/Kg	1			
Tetryl	ND		0.097	Ug/Kg	1			
Sum:3,4-Dinitrotoluene	100.1		56-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

## Analytical Services Center

1493 Walden Avenue  
 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
 Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0H1P-B04-0
Lab Order:	9911080	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/8/99 4:48:00 PM
Lab ID:	9911080-05A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	12.80

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3,5-Trinitrobenzene	ND		0.025	Ug/Kg	1	11/20/99 1 09:32 AM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.025	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.025	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.025	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.025	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.101	Ug/Kg	1			
2-Nitrotoluene	ND		0.025	Ug/Kg	1			
3-Nitrotoluene	ND		0.025	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.101	Ug/Kg	1			
4-Nitrotoluene	ND		0.025	Ug/Kg	1			
HMX	ND		0.101	Ug/Kg	1			
Nitrobenzene	ND		0.101	Ug/Kg	1			
RDX	ND		0.101	Ug/Kg	1			
Tetryl	ND		0.101	Ug/Kg	1			
Surr.3,4-Dinitrotoluene	103.1		55-135	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0C1P-B06-0
<b>Lab Order:</b>	9911080	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/8/99 4:50:00 PM
<b>Lab ID:</b>	9911080-06A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	12.50

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## NITROAROMATICS AND NITRAMINES BY METHOD 8330

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.026	Ug/Kg	1	11/20/99 2:21:23 AM	LC-3_991119A	SOC
1,3-Dinitrobenzene	ND		0.026	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.026	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.026	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.026	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.104	Ug/Kg	1			
2-Nitrotoluene	ND		0.026	Ug/Kg	1			
3-Nitrotoluene	ND		0.026	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.104	Ug/Kg	1			
4-Nitrotoluene	ND		0.026	Ug/Kg	1			
4MX	ND		0.104	Ug/Kg	1			
Nitrobenzene	ND		0.104	Ug/Kg	1			
3DX	ND		0.104	Ug/Kg	1			
2etryl	ND		0.104	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	100.8		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

DMS Version #: 3.1.1.00Dev - 11/23/99 3:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

1493 Walden Avenue  
 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
 Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0C1P-B07-0
Lab Order:	9911080	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/8/99 4:55:00 PM
Lab ID:	9911080-07A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	5.23

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.024	Ug/Kg	1	11/20/99 4:45:06 AM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.024	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.024	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.094	Ug/Kg	1			
2-Nitrotoluene	ND		0.024	Ug/Kg	1			
3-Nitrotoluene	ND		0.024	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.094	Ug/Kg	1			
4-Nitrotoluene	ND		0.024	Ug/Kg	1			
HMX	ND		0.094	Ug/Kg	1			
Nitrobenzene	ND		0.094	Ug/Kg	1			
RDX	ND		0.094	Ug/Kg	1			
Tetryl	ND		0.094	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	99.7		55-135	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0.Dev - 11/23/99 5:00:00 PM





# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0JIP-B16-0
<b>Lab Order:</b> 9911112	<b>Alt Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 11/11/99 3:30:00 PM
<b>Lab ID:</b> 9911112-01A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 11.10

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### NITROAROMATICS AND NITRAMINES BY METHOD 8330

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.028	Ug/Kg	1	11/20/99 5:56:57 AM	LC-3_991119A	SOC
1,3-Dinitrobenzene	ND		0.026	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.026	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.026	Ug/Kg	1			
2,6-Dinitrotoluene	0.244		0.026	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.103	Ug/Kg	1			
2-Nitrotoluene	ND		0.026	Ug/Kg	1			
3-Nitrotoluene	ND		0.026	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	0.111		0.103	Ug/Kg	1			
4-Nitrotoluene	ND		0.026	Ug/Kg	1			
HMX	ND		0.103	Ug/Kg	1			
Nitrobenzene	ND		0.103	Ug/Kg	1			
RDX	ND		0.103	Ug/Kg	1			
Tetryl	ND		0.103	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	96.5		55-135	%REC	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting Limits	P - RPE fails recovery limits	Q - Qualifier
	B - Analyte detected in the associated method blank	E - Value above quantitation range	Lim - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 1.1.1.0Dev - 11/23/99 5:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0JIP-B16-1
<b>Lab Order:</b> 9911112	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 11/11/99 3:30:00 PM
<b>Lab ID:</b> 9911112-02A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 8.58

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>NITROAROMATICS AND NITRAMINES BY METHOD 8330</b>								
<b>1_8330_S</b>								
1,3,5-Trinitrobenzene	ND		0.026	Ug/Kg	1	11/20/99 7:08:48 AM	LC-3_991113A	SDC
1,3-Dinitrobenzene	ND		0.026	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.026	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.026	Ug/Kg	1			
2,6-Dinitrotoluene	0.145		0.026	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.103	Ug/Kg	1			
2-Nitrotoluene	ND		0.026	Ug/Kg	1			
3-Nitrotoluene	ND		0.026	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.103	Ug/Kg	1			
4-Nitrotoluene	ND		0.026	Ug/Kg	1			
HMX	ND		0.103	Ug/Kg	1			
Nitrobenzene	ND		0.103	Ug/Kg	1			
RDX	ND		0.103	Ug/Kg	1			
Tetryl	ND		0.103	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	99.3		55-135	%REC	1			

**Definitions:** ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
 J - Analyte detected below Reporting limits      R - (PE) outside recovery limits      Q - Qualifier  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range      Lim - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

Analytical Services Center

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 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0JIP-B17-0
Lab Order:	9911112	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/11/99 3:32:00 PM
Lab ID:	9911112-03A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	11.30

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.025	Ug/Kg	1	11/20/99 8:20:40 AM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.025	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.025	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.025	Ug/Kg	1			
2,5-Dinitrotoluene	0.108		0.025	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.099	Ug/Kg	1			
2-Nitrotoluene	ND		0.025	Ug/Kg	1			
3-Nitrotoluene	ND		0.025	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.099	Ug/Kg	1			
4-Nitrotoluene	ND		0.025	Ug/Kg	1			
HMX	ND		0.099	Ug/Kg	1			
Nitrobenzene	ND		0.099	Ug/Kg	1			
RDX	ND		0.099	Ug/Kg	1			
Tetryl	ND		0.099	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	101.6		55-135	%REC	1			

Definitions: ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
 J - Analyte detected below Reporting Limits      R - RPL outside recovery limits      Q - Qualifier  
 B - Analyte detected in the associated Method Blank      E - Value above detection range      Lim - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 11/23/99 3:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

1493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CE-0JIP-B18-0  
**Lab Order:** 9911112 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 11/11/99 3:35:00 PM  
**Lab ID:** 9911112-04A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 6.45

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**

1\_8330\_S

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,3,5-Trinitrobenzene	ND		0.022	Ug/Kg	1	11/20/99 9:32:31 AM	LC-3_991119A	SOC
1,3-Dinitrobenzene	ND		0.022	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.022	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.022	Ug/Kg	1			
2,5-Dinitrotoluene	0.0725		0.022	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.087	Ug/Kg	1			
2-Nitrotoluene	ND		0.022	Ug/Kg	1			
3-Nitrotoluene	ND		0.022	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.087	Ug/Kg	1			
4-Nitrotoluene	ND		0.022	Ug/Kg	1			
HMX	ND		0.087	Ug/Kg	1			
Nitrobenzene	ND		0.087	Ug/Kg	1			
RDX	ND		0.087	Ug/Kg	1			
Tetryl	ND		0.087	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	104.0		55-135	%REC	1			

**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M - Matrix Spike recovery outside limits  
 J - Analyte detected below Reporting limits R - RPL outside recovery limits Q - Qualifier  
 B - Analyte detected in the analytical Method Blank E - Value above quantitation range L - Limit Reporting Limit  
 H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

493 Walden Avenue  
 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
 Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0JIP-B19-0
Lab Order:	9911112	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/11/99 3:40:00 PM
Lab ID:	9911112-05A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	10.10

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### NITROAROMATICS AND NITRAMINES BY METHOD 8330

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.023	Ug/Kg	1	11/20/99 1:08:01 PM	LC-3_991112A	SDC
1,3-Dinitrobenzene	ND		0.023	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.023	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.023	Ug/Kg	1			
2,6-Dinitrotoluene	0.0884		0.023	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.09	Ug/Kg	1			
2-Nitrotoluene	0.0600		0.023	Ug/Kg	1			
3-Nitrotoluene	ND		0.023	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.09	Ug/Kg	1			
4-Nitrotoluene	ND		0.023	Ug/Kg	1			
HMX	ND		0.09	Ug/Kg	1			
Nitrobenzene	ND		0.09	Ug/Kg	1			
RDX	ND		0.09	Ug/Kg	1			
Tetryl	ND		0.09	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	98.8		55-135	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	P - (PE) outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quality control range	Lim - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0JIP-B20-0
Lab Order:	9911.12	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/11/99 3:43:00 PM
Lab ID:	9911112-06A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	9.99

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**  
**I 8330\_S**

3,5-Trinitrobenzene	ND		0.024	Ug/Kg	1	11/20/99 2:19:52 PM	LC-J_991119A	SDC
3-Dinitrobenzene	ND		0.024	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.024	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2,6-Dinitrotoluene	0.0791		0.024	Ug/Kg	1			
4-Amino-4,6-dinitrotoluene	ND		0.094	Ug/Kg	1			
2-Nitrotoluene	ND		0.024	Ug/Kg	1			
3-Nitrotoluene	ND		0.024	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.094	Ug/Kg	1			
1-Nitrotoluene	ND		0.024	Ug/Kg	1			
2-Nitrotoluene	ND		0.094	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.094	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.094	Ug/Kg	1			
2,4,6-Trinitrobenzene	ND		0.094	Ug/Kg	1			
2,4,6-Trinitrobenzene	ND		0.094	Ug/Kg	1			
2,4,6-Trinitrobenzene	ND		0.094	Ug/Kg	1			
Surr: 3,4-Dinitrotoluene	99.9		55-135	%REC	1			

Definitions: ND - Not Detected at the Reporting Limit \* - Recovery outside limits M - Matrix Spike recovery outside limits  
 J - Analyte detected in the Reporting Limits R - RPE - outside recovery limits Q - Qualifier  
 B - Analyte detected in the Reporting Method Blank E - Value above the Reporting Limit  
 H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

MS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM

**Ecology and Environment, Inc.**  
**Analytical Services Center**

493 Walden Avenue  
 Lancaster, New York 14086

**Laboratory Results**

NYS ELAP ID#: 10486  
 Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0JIP-B21-0
<b>Lab Order:</b>	9911112	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/11/99 3:45:00 PM
<b>Lab ID:</b>	9911112-07A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	6.63

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.025	Ug/Kg	1	11/20/99 3:31:43 PM	LC-3_991110A	SDC
1,3-Dinitrobenzene	ND		0.025	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.025	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.025	Ug/Kg	1			
2,6-Dinitrotoluene	0.166		0.025	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.099	Ug/Kg	1			
2-Nitrotoluene	ND		0.025	Ug/Kg	1			
3-Nitrotoluene	ND		0.025	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.099	Ug/Kg	1			
4-Nitrotoluene	ND		0.025	Ug/Kg	1			
4MX	ND		0.099	Ug/Kg	1			
Nitrobenzene	ND		0.099	Ug/Kg	1			
RDX	ND		0.099	Ug/Kg	1			
Tetryl	ND		0.099	Ug/Kg	1			
Sum: 3,4-Dinitrotoluene	98.1		55-135	%REC	1			

**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected to Reporting limits	R - (PE) outside recovery limits	Q - Qualifier
B - Analyte detected in associated Method Blank	E - Value above quantitation range	Lim - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surv - Denotes Surrogate Compound	

# Ecology and Environment, Inc.

Analytical Services Center

1493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

CLIENT:	Roy F Weston, Inc.	Client Sample ID:	CE-0JIP-B22-0
Lab Order:	9911112	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/11/99 3:48:00 PM
Lab ID:	9911112-08A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	7.06

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## NITROAROMATICS AND NITRAMINES BY METHOD 8330

1\_8330\_S

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
1,3,5-Trinitrobenzene	ND		0.024	Ug/Kg	1	11/20/99 5:55:24 PM	LC-3_991119A	SOC
1,3-Dinitrobenzene	ND		0.024	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.024	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.024	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.096	Ug/Kg	1			
2-Nitrotoluene	ND		0.024	Ug/Kg	1			
3-Nitrotoluene	ND		0.024	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.096	Ug/Kg	1			
4-Nitrotoluene	ND		0.024	Ug/Kg	1			
HMX	ND		0.096	Ug/Kg	1			
Nitrobenzene	ND		0.096	Ug/Kg	1			
RDX	ND		0.096	Ug/Kg	1			
Tetryl	ND		0.096	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	102.2		55-135	%REC	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	I - Analyte detected below Reporting Limit	P - Recovery outside recovery limits	Q - Quantifier
	B - Analyte detected in a blank (Method Blank)	E - Value above quantitation range	L - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	



# Ecology and Environment, Inc.

## Analytical Services Center

493 Walden Avenue  
 Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
 Phone: (716) 685-8080

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0JIP-B23-0
<b>Lab Order:</b> 9911112	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 11/11/99 3:49:00 PM
<b>Lab ID:</b> 9911112-09A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 7.34

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### NITROAROMATICS AND NITRAMINES BY METHOD 8330

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.022	Ug/Kg	1	11/20/99 7:07:13 PM	LC-3_991119A	SDC
1,3-Dinitrobenzene	ND		0.022	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.022	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.022	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.022	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.09	Ug/Kg	1			
2-Nitrotoluene	ND		0.022	Ug/Kg	1			
3-Nitrotoluene	ND		0.022	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.09	Ug/Kg	1			
4-Nitrotoluene	ND		0.022	Ug/Kg	1			
HMX	ND		0.09	Ug/Kg	1			
Nitrobenzene	ND		0.09	Ug/Kg	1			
RDX	ND		0.09	Ug/Kg	1			
Tetryl	ND		0.09	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	110.9		55-135	%REC	1			

Definitions: ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
 J - Analyte detected above Reporting limits      R - Recovery outside limits      Q - Qualifier  
 B - Analyte detected in the associated Method Blank      E - Value above quantitative range      Lim - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

Analytical Services Center

493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CE-0JIP-B24-0
<b>Lab Order:</b>	9911112	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	11/11/99 3:52:00 PM
<b>Lab ID:</b>	9911112-10A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	8.25

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.028	Ug/Kg	1	11/20/99 8:19:03 PM	LC-3_991112A	SDC
1,3-Dinitrobenzene	ND		0.028	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.028	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.028	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.028	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.103	Ug/Kg	1			
2-Nitrotoluene	ND		0.028	Ug/Kg	1			
3-Nitrotoluene	ND		0.028	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.103	Ug/Kg	1			
4-Nitrotoluene	ND		0.028	Ug/Kg	1			
4-MX	ND		0.103	Ug/Kg	1			
Nitrobenzene	ND		0.103	Ug/Kg	1			
2,4-DX	ND		0.103	Ug/Kg	1			
2,6-DX	ND		0.103	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	94.6		55-135	%REC	1			

Definitions: ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
 J - Analyte detected below Reporting limits      R - (PE) outside recovery limits      Q - Qualifier  
 B - Analyte detected in a separate Method Blank      S - Value above quality control range      Lim - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

LMS Version #: 3.1.1.0Dev - 11/23/99 5:00:00 PM

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Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8060

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0JJP-B25-0
Lab Order:	9911112	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	11/11/99 3:57:00 PM
Lab ID:	9911112-11A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	6.93

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**  
**1\_8330\_S**

1,3,5-Trinitrobenzene	ND		0.022	Ug/Kg	1	11/20/99 9:30:54 PM	LC-3_991119A	SOC
1,3-Dinitrobenzene	ND		0.022	Ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.022	Ug/Kg	1			
2,4-Dinitrotoluene	ND		0.022	Ug/Kg	1			
2,6-Dinitrotoluene	ND		0.022	Ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		0.09	Ug/Kg	1			
2-Nitrotoluene	ND		0.022	Ug/Kg	1			
3-Nitrotoluene	ND		0.022	Ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		0.09	Ug/Kg	1			
4-Nitrotoluene	ND		0.022	Ug/Kg	1			
HMX	ND		0.09	Ug/Kg	1			
Nitrobenzene	ND		0.09	Ug/Kg	1			
RDX	ND		0.09	Ug/Kg	1			
Tetryl	ND		0.09	Ug/Kg	1			
Surr:3,4-Dinitrotoluene	105.1		55-135	%REC	1			

Definitions: ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
 J - Analyte detected below Reporting limits      R - RPL (recovery limits)      Q - Qualifier  
 B - Analyte detected at a point, Method Blank      E - Value above quantitation range      L - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

.IMS Version #: 3.1.0 Dev - 11/23/99 3:00:00 PM

# Ecology and Environment, Inc.

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Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-807

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CE-0B1P-B03-0
Lab Order:	9910239	Alt. Client ID:	
Project:	Seneca Army Depot Activity	Collection Date:	10/27/99 4:40:00 PM
Lab ID:	9910239-10A	Sample Type:	SAMP
		Matrix:	SOIL
		% Moist:	

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**  
**1\_8330\_S**

1,3,5-Trinitrobenzene	ND		0.25	ug/Kg	1	11/7/99 3:20:48 AM	LC-3_991106A	SDC
1,3-Dinitrobenzene	ND		0.25	ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.25	ug/Kg	1			
2,4-Dinitrotoluene	ND		0.25	ug/Kg	1			
2,6-Dinitrotoluene	ND		0.25	ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		1.00	ug/Kg	1			
2-Nitrotoluene	ND		0.25	ug/Kg	1			
3-Nitrotoluene	ND		0.25	ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		1.00	ug/Kg	1			
4-Nitrotoluene	ND		0.25	ug/Kg	1			
HMX	ND		1.00	ug/Kg	1			
Nitrobenzene	ND		1.00	ug/Kg	1			
RDX	ND		1.00	ug/Kg	1			
Tetryl	ND		1.00	ug/Kg	1			
Surr: 3,4-Dinitrotoluene	101.1		55-135	%REC	1			

**DEFINITIONS:** ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
 J - Analyte detected below Reporting limits      R - RPL outside recovery limits      Q - Qualifier  
 B - Analyte detected in the associated Method Blank      E - Value above quantitative range      L - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685-8080

CLIENT: Roy F. Weston, Inc.

Client Sample ID: CE-0B1P-B04-0

Lab Order: 9910239

Alt. Client ID:

Project: Seneca Army Depot Activity

Collection Date: 10/27/99 4:46:00 PM

Lab ID: 9910239-11A Sample Type: SAMP

Matrix: SOIL

% Moist:

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**

1\_8330\_S

1,3,5-Trinitrobenzene	ND		0.25	ug/Kg	1	11/7/99 4:32:41 AM	LC-3_991106A	SDC
1,3-Dinitrobenzene	ND		0.25	ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.25	ug/Kg	1			
2,4-Dinitrotoluene	ND		0.25	ug/Kg	1			
2,6-Dinitrotoluene	ND		0.25	ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		1.00	ug/Kg	1			
2-Nitrotoluene	ND		0.25	ug/Kg	1			
3-Nitrotoluene	ND		0.25	ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		1.00	ug/Kg	1			
4-Nitrotoluene	ND		0.25	ug/Kg	1			
HMX	ND		1.00	ug/Kg	1			
Nitrobenzene	ND		1.00	ug/Kg	1			
RDX	ND		1.00	ug/Kg	1			
Tetryl	ND		1.00	ug/Kg	1			
Surr: 3,4-Dinitrotoluene	102.1		55-135	%REC	1			

Definitions: ND - Not Detected at the Reporting Limit \* - Recovery outside limits M - Matrix Spike recovery outside limits  
 J - Analyte detected below Reporting limits R - Recovery outside recovery limits Q - Qualifier  
 B - Analyte detected in the analytical method Blank E - Value above detection range Lim - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CE-0D1P-B02-0
<b>Lab Order:</b> 9910239	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/27/99 4:55:00 PM
<b>Lab ID:</b> 9910239-12A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b>

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**NITROAROMATICS AND NITRAMINES BY METHOD 8330**

**1\_8330\_5**

1,3,5-Trinitrobenzene	ND		0.25	ug/Kg	1	11/7/99 5:44:34 AM	LC-3_991108A	SDC
1,3-Dinitrobenzene	ND		0.25	ug/Kg	1			
2,4,6-Trinitrotoluene	ND		0.25	ug/Kg	1			
2,4-Dinitrotoluene	ND		0.25	ug/Kg	1			
2,6-Dinitrotoluene	ND		0.25	ug/Kg	1			
2-Amino-4,6-dinitrotoluene	ND		1.00	ug/Kg	1			
2-Nitrotoluene	ND		0.25	ug/Kg	1			
3-Nitrotoluene	ND		0.25	ug/Kg	1			
4-Amino-2,6-dinitrotoluene	ND		1.00	ug/Kg	1			
4-Nitrotoluene	ND		0.25	ug/Kg	1			
HMX	ND		1.00	ug/Kg	1			
Nitrobenzene	ND		1.00	ug/Kg	1			
RDX	ND		1.00	ug/Kg	1			
Tetryl	ND		1.00	ug/Kg	1			
Surr: 3,4-Dinitrotoluene	99.7		55-135	%REC	1			

**DEFINITIONS:** ND - Not Detected at the Reporting Limit      \* - Recovery outside limits      M - Matrix Spike recovery outside limits  
 J - Analyte detected above Reporting Limit      B - Recovery outside limits      Q - Qualifier  
 B - Analyte detected in the associated Method Blank      E - Value above the Limit of Detection      L - Reporting Limit  
 H - Value exceeds Maximum Contaminant Level      Surr - Denotes Surrogate Compound

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**ATTACHMENT G**

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for lead at concentrations of 500 mg/kg or less. Following USACE approval, WESTON used the XRF analyzer to screen perimeter Case I and II excavations. Once satisfactory XRF results were obtained for sidewall samples, final confirmation samples were collected and analyzed by the off-site laboratory.

#### **4.1.2 Excavation Sampling**

Confirmation samples were collected and analyzed for total lead in each of the burn area excavations. Samples were collected at a frequency of one discrete sample per 2,500 square feet (sf) from the excavation floors and a frequency of one discrete sample per 50 linear feet (lf) from the excavation sidewalls. These sampling frequencies were revised from the *Section C Technical Specification* (Parsons, 1998), frequencies of one discrete sample per 500 sf from the excavation floors and one discrete sample per 200 lf from the excavation sidewalls per approval of USACE and NYSDEC. In cases where shallow excavations were performed (i.e., less than 1-ft depth), sidewalls were removed completely as noted in the Figures 4-1 through 4-12.

Confirmation samples were also collected and analyzed for explosives from each excavation floor, and one discrete confirmation sample was also collected and analyzed for explosives for each ordnance cache that was encountered.

Final limits of excavation were determined based on survey data generated by Popli Consulting Engineers. Figures depicting the final excavation areas, surveyed coordinates, confirmation sample locations, and the confirmation sample data are included in Figures 4-1 through 4-12.

#### **4.1.3 OB Grounds Grid and Perimeter Sampling**

The perimeter of the OB Grounds Site was sampled in the fall of 2001. A total of 38 samples were collected to determine lead concentrations along the perimeter of the Site. Discrete samples were collected and analyzed for total lead at a frequency of one sample per 200 lf along the perimeter of the OB Grounds. Samples collected along perimeter haul roads were analyzed for lead for informational purposes but were not covered with topsoil if  $> 60$  mg/kg as these roads were outside the scope of work limits for the OB Grounds project. The roads are currently

used and maintained by the Army, therefore, no remedy is proposed for perimeter samples P-022, P-023, P-024, P-025, P-026, P-030, and P-035. The perimeter sample locations and associated sample data are shown in Figure 4-13.

Confirmation samples were also collected following the completion of the 1-ft cut operation to confirm soil concentrations at levels below 500 mg/kg and to determine soil cover requirements for total lead. A total of 15 initial 5-point composite samples were collected and analyzed for total lead at a frequency of one discrete sample per 250,000 sf (500 ft by 500 ft grid). These sample locations, shown in Figure 4-13 as CG-000G-0001 through CG-000G-0015 represent the entire OB Grounds site. Based on the results of the fifteen (15) samples, further delineation sampling was performed at all composite sample locations with lead concentrations > 60 mg/kg to define the limits of soils cover. The additional delineation sampling was performed by collecting discrete samples in smaller grids, i.e., (125 ft by 125 ft grid). No additional sampling was performed in areas represented by composite samples with lead concentrations < 60 mg/kg as the soil cover requirements were achieved. Based on the additional delineation sampling, grids that failed (>500 mg/kg total lead), were excavated to a depth of between 6 inches and 1 ft as specified by USACE (typically 6 inches) and re-sampled until the surface soils were reduced to < 500 mg/kg at a minimum to meet the offsite disposal criteria of 500 mg/kg. Once excavation to meet this objective was completed, the excavated soil was transported to the oversize pile located north of the perimeter haul road for offsite disposal and the remaining surface soils within the gridded areas of the OB Grounds were restored per Section 8.0 of this report.

Confirmation data is presented in Table 4-1 for all pad, berm, perimeter, and 1-ft cut samples. Average confirmation sample results for burn pad, berm, perimeter, and 1-ft cut excavations are included in Table 4-2.

## 8. SITE RESTORATION

Restoration activities began on 27 April 2004 following completion of site remediation activities within the OB Grounds. To complete restoration activities, an excavator, two bulldozers, one haul truck, two tractors, one front-end loader, a chisel plow, and disc plow were mobilized. Restoration activities included the following:

- Rough grading the Site to remove rocks and other oversized debris.
- Placing approximately 6,000 cy of backfill material (confirmed to contain less than 60 mg/kg of lead) in grids and site perimeter locations containing soil > 60 mg/kg lead.
- Importing an additional 5,000 cy of topsoil (confirmed to contain less than 60 mg/kg of lead) for placement in 28 (125 ft by 125 ft) grids to achieve a 9-inch thick soil cover layer.
- Fine grading, seeding, and fertilizing all accessible areas within the OB Grounds.
- Grading, seeding, and fertilizing the 1-ft cut stockpile.

Rough grading and backfilling were performed in two stages. The first stage included addressing those locations with lead > 60 mg/kg but < 500 mg/kg while the second stage included addressing all remaining surface soils with lead concentrations below 60 mg/kg. The two areas were separated to avoid cross-tracking of equipment from areas requiring soil cover to areas not requiring soil cover. Oversized rocks and debris resulting from rough grading were separated out and used to fill in low areas within the two areas. Once rough grading was completed, backfill material (offsite and onsite soil) was used to supplement portions of the 9-in. final cover in all grid and perimeter locations exceeding 60 mg/kg for lead except as noted in Section 4.1.3. Topsoil was used to establish the final cover depth over the backfilled material in accordance with the Record of Decision document. The areas within the OB Grounds that were restored with 9 in of soil are shown in Figure 4-13 and represent a total of approximately 7 acres. This area is significantly reduced from the acreage in the ROD as the remaining OB Grounds did not require the 9 inch soil cover since all other areas were < 60 mg/kg for lead (except as noted). All other grids and perimeter locations that were < 60 mg/kg were supplemented with topsoil following rough grading to establish a vegetative cover. Soil cover was not placed into the six (6)

grids (L11, L13, L14, M11, N12, and O12) located north of the main access haul road that were > 60 mg/kg for lead as these grids were outside the scoped limits of work.

All seed placed on-site consisted of a mixture of 40% Tall Fescue, 30% Creeping Red Fescue, and 30% Perennial Rye. It is noted that all excavated soil that was reused on-site as backfill material was cleared of all munitions and explosives of concern, and passed both WESTON's QC and Government QA inspections.

Restoration activities outside the OB Grounds included the following:

- Removal of silt fence from the banks of Reeder Creek, the decontamination area, the access road to the OB Grounds, and the staging areas.
- Grading, applying 9 inches of soil cover, seeding, and fertilizing the Case III stockpile.
- Re-grading the haul road and repairing rutted areas.
- Removing the plywood wall sections of the decontamination pad.
- Removing all stumps and brush generated from clearing and grubbing activities in the stockpile staging area.

**AMRO Environmental Laboratories Corp.**

Date: 24-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201175

**Lab ID:** 0201175-01  
**Client Sample ID:** CG-000P-001-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	84	4.6		mg/Kg-dry	1	1/23/02 6:18:35 PM
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**PERCENT MOISTURE** **D2216** **Analyst: SL**

Percent Moisture	35.3	0		wt%	1	1/23/02
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**Lab ID:** 0201175-02  
**Client Sample ID:** CG-000P-002-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	65	4.2		mg/Kg-dry	1	1/23/02 6:23:42 PM
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**PERCENT MOISTURE** **D2216** **Analyst: SL**

Percent Moisture	27.4	0		wt%	1	1/23/02
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**Lab ID:** 0201175-03  
**Client Sample ID:** CG-000P-003-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	260	4.4		mg/Kg-dry	1	1/23/02 6:36:50 PM
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**PERCENT MOISTURE** **D2216** **Analyst: SL**

Percent Moisture	33.5	0		wt%	1	1/23/02
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 24-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201175

**Lab ID:** 0201175-04  
**Client Sample ID:** CG-000P-004-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	50	3.7		mg/Kg-dry	1	1/23/02 6:42:06 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	20.7	0		wt%	1	1/23/02

**Lab ID:** 0201175-05  
**Client Sample ID:** CG-000P-005-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	280	4.5		mg/Kg-dry	1	1/23/02 6:47:23 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	32.1	0		wt%	1	1/23/02

**Lab ID:** 0201175-06  
**Client Sample ID:** CG-000P-006-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	88	4.3		mg/Kg-dry	1	1/23/02 6:52:41 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	27.0	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 24-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201175

**Lab ID:** 0201175-07  
**Client Sample ID:** CG-000P-007-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	63	4.5		mg/Kg-dry	1	1/23/02 6:58:06 PM
PERCENT MOISTURE		D2216				Analyst: SL
Percent Moisture	33.3	0		wt%	1	1/23/02

**Lab ID:** 0201175-08  
**Client Sample ID:** CG-000P-008-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	53	4.4		mg/Kg-dry	1	1/23/02 7:03:14 PM
PERCENT MOISTURE		D2216				Analyst: SL
Percent Moisture	31.2	0		wt%	1	1/23/02

**Lab ID:** 0201175-09  
**Client Sample ID:** CG-000P-008-1

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	48	4.0		mg/Kg-dry	1	1/23/02 7:08:32 PM
PERCENT MOISTURE		D2216				Analyst: SL
Percent Moisture	23.2	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 24-Jan-02

**CLIENT:** Roy F. Weston, Inc. **Lab Order:** 0201175  
**Project:** Seneca Army Depot

**Lab ID:** 0201175-10 **Collection Date:** 1/21/02  
**Client Sample ID:** CG-000P-009-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	23	4.1		mg/Kg-dry	1	1/23/02 7:13:44 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: SL</b>
Percent Moisture	24.4	0		wt%	1	1/23/02

**Lab ID:** 0201175-11 **Collection Date:** 1/21/02  
**Client Sample ID:** CG-000P-010-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	20	4.2		mg/Kg-dry	1	1/23/02 7:18:45 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: SL</b>
Percent Moisture	29.1	0		wt%	1	1/23/02

**Lab ID:** 0201175-12 **Collection Date:** 1/21/02  
**Client Sample ID:** CG-000P-011-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	28	4.1		mg/Kg-dry	1	1/23/02 7:23:55 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: SL</b>
Percent Moisture	27.5	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



**AMRO Environmental Laboratories Corp.**

Date: 24-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201175

**Lab ID:** 0201175-13  
**Client Sample ID:** CG-000P-012-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	24	4.3		mg/Kg-dry	1	1/23/02 7:37:04 PM
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**PERCENT MOISTURE** **D2216** **Analyst: SL**

Percent Moisture	31.5	0		wt%	1	1/23/02
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**Lab ID:** 0201175-14  
**Client Sample ID:** CG-000P-013-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	57	4.4		mg/Kg-dry	1	1/23/02 7:42:16 PM
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**PERCENT MOISTURE** **D2216** **Analyst: SL**

Percent Moisture	28.8	0		wt%	1	1/23/02
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**Lab ID:** 0201175-15  
**Client Sample ID:** CG-000P-014-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	17	3.7		mg/Kg-dry	1	1/23/02 7:47:31 PM
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**PERCENT MOISTURE** **D2216** **Analyst: SL**

Percent Moisture	19.8	0		wt%	1	1/23/02
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 24-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201175

**Lab ID:** 0201175-16 **Collection Date:** 1/21/02  
**Client Sample ID:** CG-000P-015-0 MS/MSD **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	110	4.1		mg/Kg-dry	1	1/23/02 5:51:56 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	23.4	0		wt%	1	1/23/02

**Lab ID:** 0201175-17 **Collection Date:** 1/21/02  
**Client Sample ID:** CG-000P-016-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	14	4.1		mg/Kg-dry	1	1/23/02 7:52:45 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	29.1	0		wt%	1	1/23/02

**Lab ID:** 0201175-18 **Collection Date:** 1/21/02  
**Client Sample ID:** CG-000P-017-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	9.6	4.4		mg/Kg-dry	1	1/23/02 7:57:57 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	28.3	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 24-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201175

**Lab ID:** 0201175-19  
**Client Sample ID:** CG-000P-018-0

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>RK</b>
Lead	26	4.2		mg/Kg-dry	1	1/23/02 8:03:58 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>SL</b>
Percent Moisture	29.5	0		wt%	1	1/23/02

**Lab ID:** 0201175-20  
**Client Sample ID:** CG-000P-018-1

**Collection Date:** 1/21/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>RK</b>
Lead	21	3.8		mg/Kg-dry	1	1/23/02 8:09:17 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>SL</b>
Percent Moisture	22.6	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 25-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201176

**Lab ID:** 0201176-01  
**Client Sample ID:** CG-000P-019-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	32	3.3		mg/Kg-dry	1	1/24/02 2:01:14 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	4.7	0		wt%	1	1/23/02

**Lab ID:** 0201176-02  
**Client Sample ID:** CG-000P-020-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	28	4.1		mg/Kg-dry	1	1/24/02 2:06:39 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	25.5	0		wt%	1	1/23/02

**Lab ID:** 0201176-03  
**Client Sample ID:** CG-000P-021-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	31	3.5		mg/Kg-dry	1	1/24/02 2:20:04 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	14.6	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 25-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201176

**Lab ID:** 0201176-04  
**Client Sample ID:** CG-000P-022-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	450	3.6		mg/Kg-dry	1	1/24/02 2:25:25 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	18.2	0		wt%	1	1/23/02

**Lab ID:** 0201176-05  
**Client Sample ID:** CG-000P-023-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	160	3.6		mg/Kg-dry	1	1/24/02 2:30:48 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	15.8	0		wt%	1	1/23/02

**Lab ID:** 0201176-06  
**Client Sample ID:** CG-000P-024-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	81	3.5		mg/Kg-dry	1	1/24/02 2:36:12 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	14.8	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 25-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201176

**Lab ID:** 0201176-07  
**Client Sample ID:** CG-000P-025-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	190	3.2		mg/Kg-dry	1	1/24/02 2:41:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	8.3	0		wt%	1	1/23/02

**Lab ID:** 0201176-08  
**Client Sample ID:** CG-000P-026-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	230	3.5		mg/Kg-dry	1	1/24/02 2:47:08 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	14.1	0		wt%	1	1/23/02

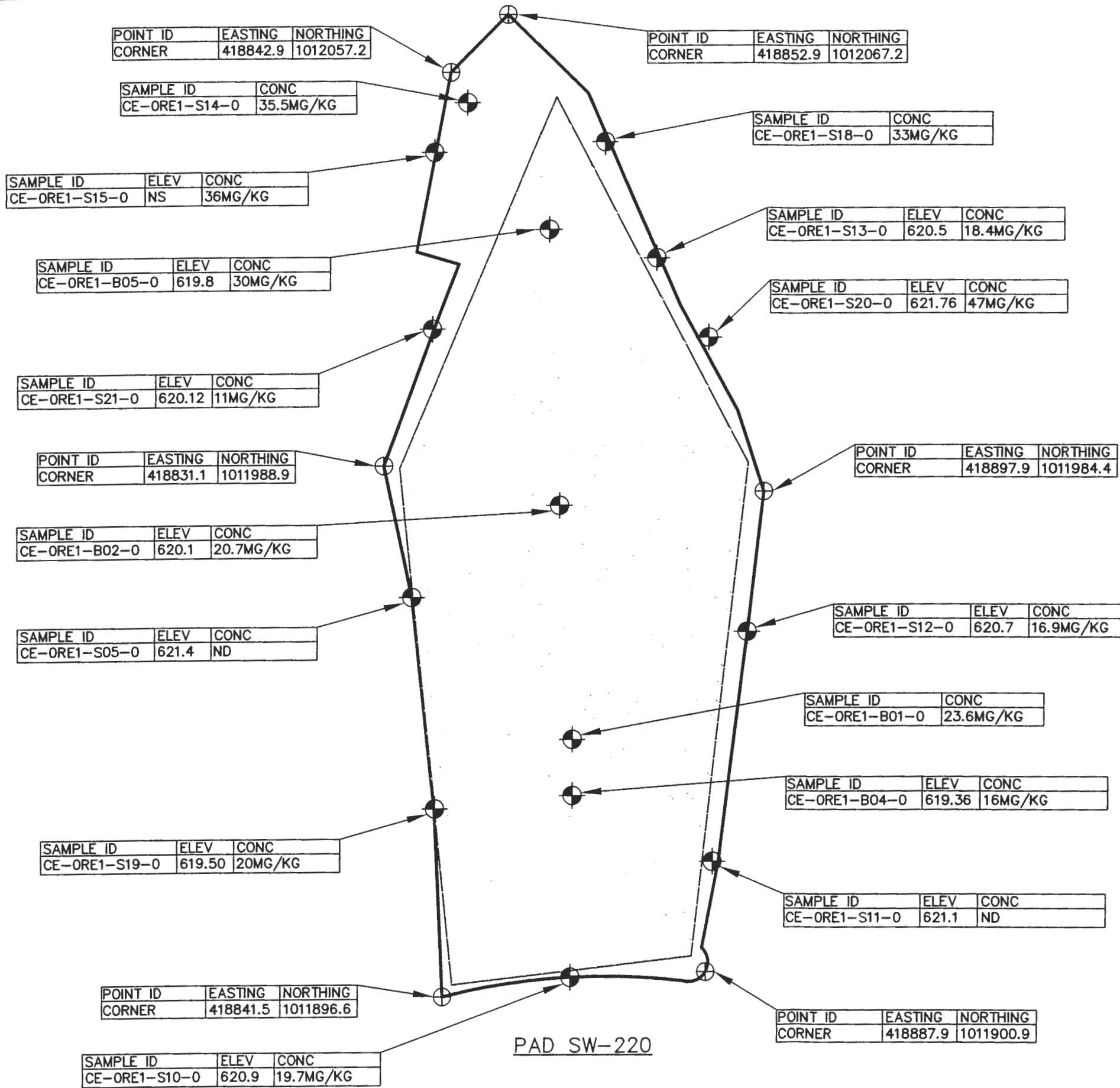
**Lab ID:** 0201176-09  
**Client Sample ID:** CG-000P-027-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	33	3.2		mg/Kg-dry	1	1/24/02 2:52:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	7.1	0		wt%	1	1/23/02




**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

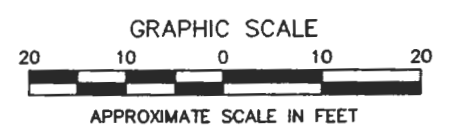
M:\Design\1\05\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-11.dwg. Layout1, R/29/2006 2:22:24 PM, CHASET, 1:1





PAD SW-220

**LEGEND**

- ⊕ EXCAVATION CONTROL POINT
- ⊙ CONFIRMATORY EXCAVATION SAMPLES
-  CASE I
-  CASE II
-  CASE III



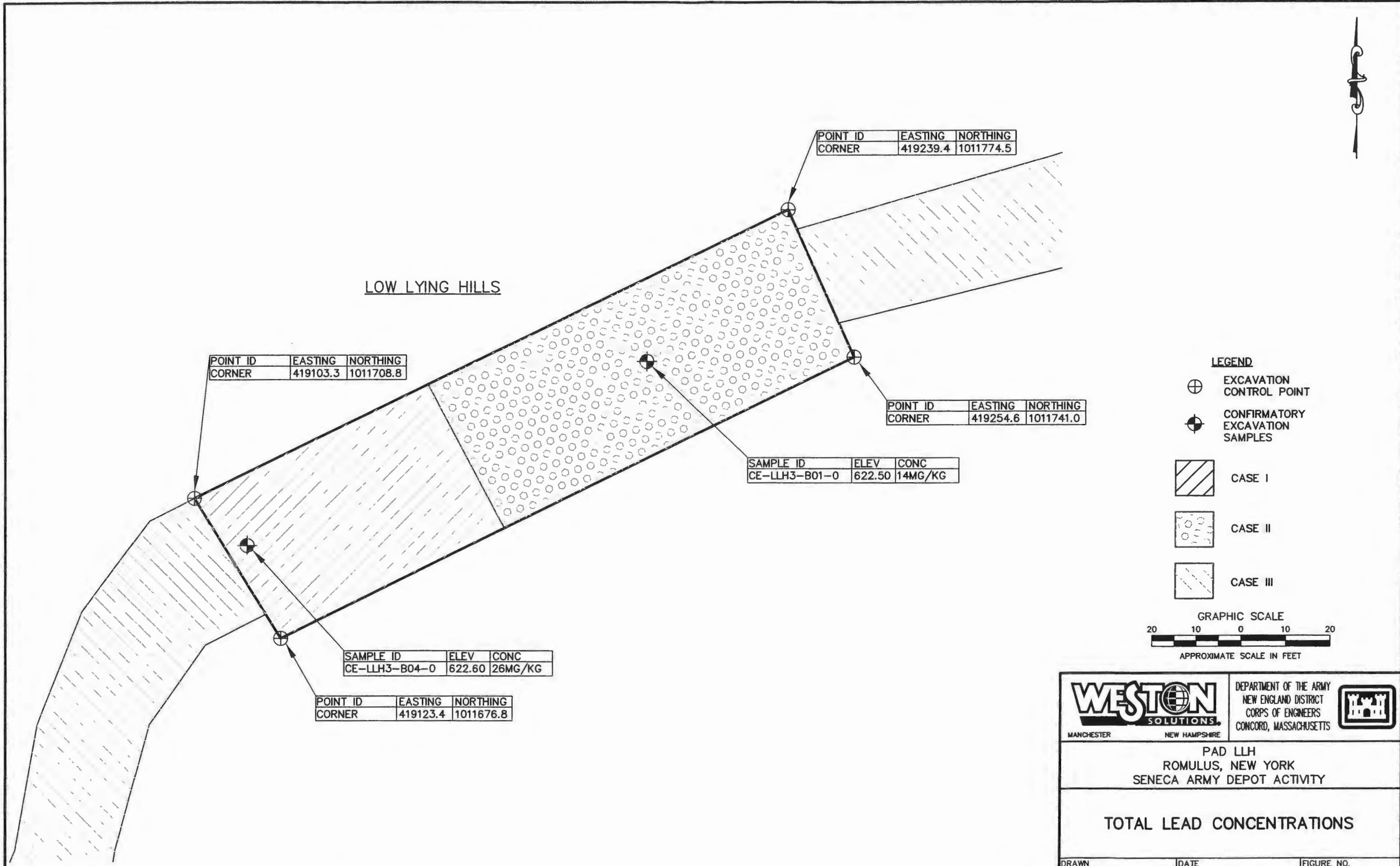
 MANCHESTER NEW HAMPSHIRE	DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS		
	PAD SW-220 ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY		
<b>TOTAL LEAD CONCENTRATIONS</b>			
DRAWN	A.J.M.	DATE	AUGUST 2006
CHECKED	C.G.K.	W.O. NO.	03886.118.013
			FIGURE NO. <b>4-11</b>

NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN






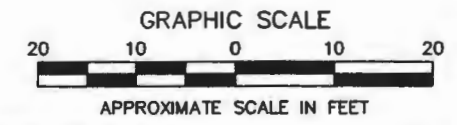


M:\Design\DWG\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-12.dwg, Layout1, B/29/2006 2:23:21 PM, CHASET, 1:1





**LEGEND**

- ⊕ EXCAVATION CONTROL POINT
- ⊙ CONFIRMATORY EXCAVATION SAMPLES
-  CASE I
-  CASE II
-  CASE III

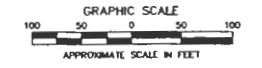
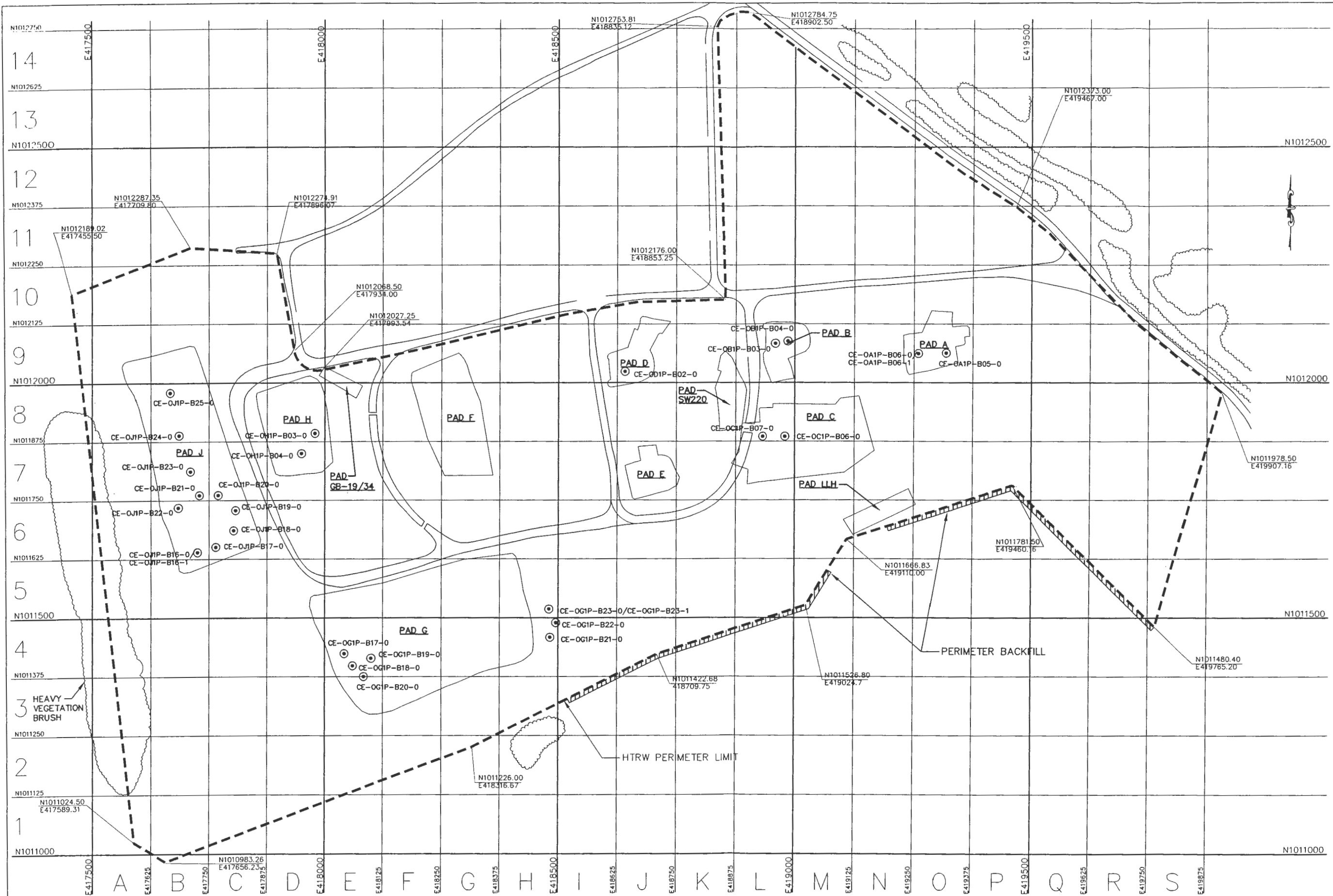


NOTE: INTERMITTENT CONFIRMATORY SAMPLES ARE NOT SHOWN

 MANCHESTER NEW HAMPSHIRE	DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS 				
PAD LLH ROMULUS, NEW YORK SENECA ARMY DEPOT ACTIVITY					
<h3>TOTAL LEAD CONCENTRATIONS</h3>					
DRAWN	A.J.M.	DATE	AUGUST 2006	FIGURE NO.	4-12
CHECKED	C.G.K.	W.O. NO.	03886.118.013		



M:\Design\DWG\ACOE\SENECA\2nd phase\New Pad DWGs\CLOSURE REPORT\FIG 4-13.dwg, Layout1, 8/30/2006 4:07:19 PM, CHASSET, 1:2



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

SENECA ARMY DEPOT  
ROMULUS, NEW YORK

WESTON SOLUTIONS  
MANCHESTER NEW HAMPSHIRE

CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENG.			
PROJ. ENG.			
PROJ. MGR.	CGK 2/20/02		
APPROVED			
APPROVED		ISSUED FOR	DATE

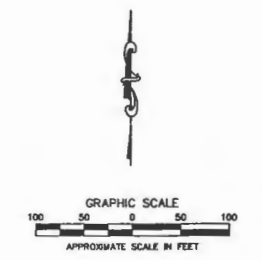
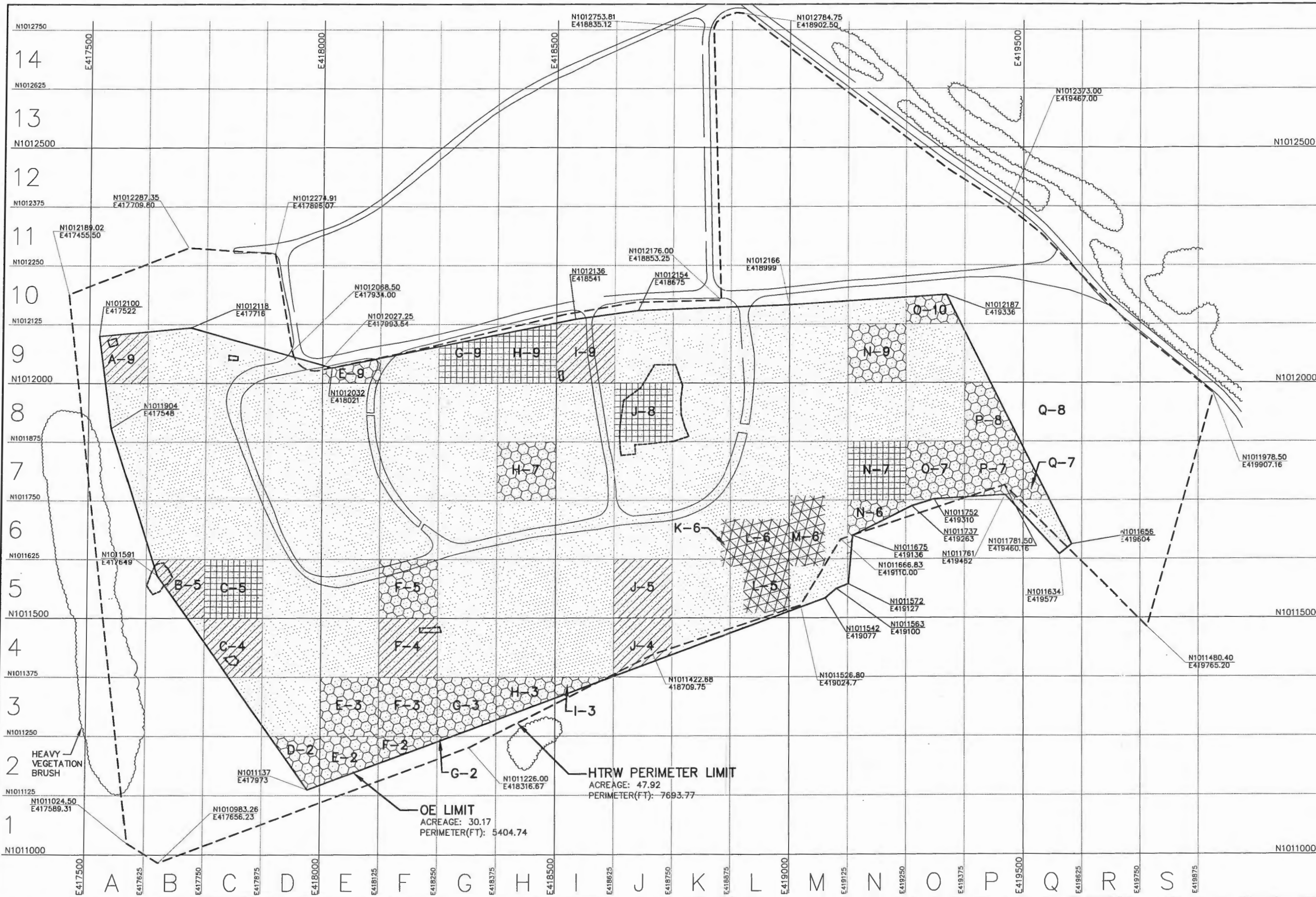
DEPARTMENT OF THE ARMY  
NEW ENGLAND DISTRICT  
CORPS OF ENGINEERS  
CONCORD, MASSACHUSETTS

OPEN BURNING GROUNDS  
EXPLOSIVES SAMPLING  
LOCATION MAP

DRAWN	A.J.M.	DATE	AUGUST 2006	FIGURE NO.	4-14	REV. NO.	
SCALE	AS SHOWN	W.G. NO.	03886.118.013	SHEET		OF	



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- LEGEND**
- TRASH PIT AREAS
  - GEOPHYSICALLY MAPPED & CLEARED OF ALL IDENTIFIED ANOMALIES
  - CLEARED BY GEOPHYSICAL MAPPING AND QC (PARSONS ENGINEERING)
  - GRIDS REQUIRING QC AND QA
  - CLEARED BY GEOPHYSICAL MAPPING, QC, AND GOV'T QA
  - CLEARED BY GEOPHYSICAL MAPPING AND QC, AWAITING GOV'T QA

NO.	DATE	APPR.	REVISION

DES. ENGR.			
PROJ. ENGR.			
PROJ. MGR.	C.G.K.	2/20/02	
APPROVED			
APPROVED			



DEPARTMENT OF THE ARMY  
 NEW ENGLAND DISTRICT  
 CORPS OF ENGINEERS  
 CONCORD, MASSACHUSETTS

**OE GRID SURVEY**

DRAWN: BEG  
 SCALE: AS SHOWN

DATE: JUN 2003  
 W.D. NO.: 20140 007 203

FIGURE NO.: ATTACHMENT D-2  
 REV. NO.:  
 SHEET: \_\_\_\_\_ OF \_\_\_\_\_



**AMRO Environmental Laboratories Corp.**

Date: 25-Jan-02

**CLIENT:** Roy F. Weston, Inc. **Lab Order:** 0201176  
**Project:** Seneca Army Depot

**Lab ID:** 0201176-10 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-028-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	26	3.3		mg/Kg-dry	1	1/24/02 2:57:59 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	9.8	0		wt%	1	1/23/02

**Lab ID:** 0201176-11 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-028-1 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	30	3.4		mg/Kg-dry	1	1/24/02 3:03:17 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	10.2	0		wt%	1	1/23/02

**Lab ID:** 0201176-12 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-029-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	23	3.4		mg/Kg-dry	1	1/24/02 3:08:40 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	9.5	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit , S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 25-Jan-02

**CLIENT:** Roy F. Weston, Inc. **Lab Order:** 0201176  
**Project:** Seneca Army Depot

**Lab ID:** 0201176-13 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-030-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	61	3.3		mg/Kg-dry	1	1/24/02 3:21:59 PM
PERCENT MOISTURE		D2216				Analyst: SL
Percent Moisture	11.0	0		wt%	1	1/23/02

**Lab ID:** 0201176-14 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-031-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	43	3.6		mg/Kg-dry	1	1/24/02 3:27:25 PM
PERCENT MOISTURE		D2216				Analyst: SL
Percent Moisture	16.8	0		wt%	1	1/23/02

**Lab ID:** 0201176-15 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-032-0MS/MSD **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	36	3.3		mg/Kg-dry	1	1/24/02 1:34:30 PM
PERCENT MOISTURE		D2216				Analyst: SL
Percent Moisture	9.7	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



**AMRO Environmental Laboratories Corp.**

Date: 25-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201176

**Lab ID:** 0201176-16  
**Client Sample ID:** CG-000P-033-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	45	3.2		mg/Kg-dry	1	1/24/02 3:32:48 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	7.4	0		wt%	1	1/23/02

**Lab ID:** 0201176-17  
**Client Sample ID:** CG-000P-034-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	45	3.6		mg/Kg-dry	1	1/24/02 3:38:47 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	14.1	0		wt%	1	1/23/02

**Lab ID:** 0201176-18  
**Client Sample ID:** CG-000P-035-0

**Collection Date:** 1/22/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	230	3.6		mg/Kg-dry	1	1/24/02 3:44:08 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	13.8	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 25-Jan-02

**CLIENT:** Roy F. Weston, Inc. **Lab Order:** 0201176  
**Project:** Seneca Army Depot

**Lab ID:** 0201176-19 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-036-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	56	3.9		mg/Kg-dry	1	1/24/02 3:49:31 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	22.1	0		wt%	1	1/23/02

**Lab ID:** 0201176-20 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-037-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	30	4.6		mg/Kg-dry	1	1/24/02 3:55:11 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	32.9	0		wt%	1	1/23/02

**Lab ID:** 0201176-21 **Collection Date:** 1/22/02  
**Client Sample ID:** CG-000P-038-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	22	4.1		mg/Kg-dry	1	1/24/02 4:00:16 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	26.8	0		wt%	1	1/23/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc. **Lab Order:** 0201206  
**Project:** Seneca Army Depot

<b>Lab ID:</b> 0201206-10	<b>Collection Date:</b> 1/23/02					
<b>Client Sample ID:</b> CG-000G-001-0	<b>Matrix:</b> SOIL					
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: SJK</b>
Lead	40 J <sup>54</sup>	3.6		mg/Kg-dry	1	1/25/02 9:28:02 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: SL</b>
Percent Moisture	18.7	0		wt%	1	1/26/02

<b>Lab ID:</b> 0201206-11	<b>Collection Date:</b> 1/23/02					
<b>Client Sample ID:</b> CG-000G-002-0	<b>Matrix:</b> SOIL					
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: SJK</b>
Lead	72 J <sup>54</sup>	3.5		mg/Kg-dry	1	1/25/02 9:33:24 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: SL</b>
Percent Moisture	15.2	0		wt%	1	1/26/02

<b>Lab ID:</b> 0201206-12	<b>Collection Date:</b> 1/23/02					
<b>Client Sample ID:</b> CG-000G-003-0 MS/MSD	<b>Matrix:</b> SOIL					
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: SJK</b>
Lead	67 J <sup>54</sup>	4.3		mg/Kg-dry	1	1/25/02 8:29:27 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: SL</b>
Percent Moisture	27.4	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-13  
**Client Sample ID:** CG-000G-004-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	350 J <sup>54</sup>	3.2		mg/Kg-dry	1	1/25/02 9:38:46 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	9.6	0		wt%	1	1/26/02

**Lab ID:** 0201206-14  
**Client Sample ID:** CG-000G-005-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	16 J <sup>54</sup>	3.6		mg/Kg-dry	1	1/25/02 9:52:15 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	15.0	0		wt%	1	1/26/02

**Lab ID:** 0201206-15  
**Client Sample ID:** CG-000G-006-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	13 J <sup>54</sup>	3.8		mg/Kg-dry	1	1/25/02 9:57:27 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	19.4	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-16  
**Client Sample ID:** CG-000G-007-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	110 J <sup>54</sup>	4.2		mg/Kg-dry	1	1/25/02 10:03:28 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	26.6	0		wt%	1	1/26/02

**Lab ID:** 0201206-17  
**Client Sample ID:** CG-000G-008-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	1,800 J <sup>54</sup>	4.0		mg/Kg-dry	1	1/25/02 10:08:41 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	24.1	0		wt%	1	1/26/02

**Lab ID:** 0201206-18  
**Client Sample ID:** CG-000G-009-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	84 J <sup>54</sup>	3.3		mg/Kg-dry	1	1/25/02 10:14:08 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	11.3	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-19  
**Client Sample ID:** CG-000G-009-1

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	280 J <sup>54</sup>	3.4		mg/Kg-dry	1	1/25/02 10:19:31 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	12.1	0		wt%	1	1/26/02

**Lab ID:** 0201206-20  
**Client Sample ID:** CG-000G-010-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	55 J <sup>54</sup>	4.6		mg/Kg-dry	1	1/25/02 10:24:58 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	32.2	0		wt%	1	1/26/02

**Lab ID:** 0201206-21  
**Client Sample ID:** CG-000G-011-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	53 J <sup>54</sup>	3.3		mg/Kg-dry	1	1/25/02 10:30:13 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: SL
Percent Moisture	9.7	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-22  
**Client Sample ID:** CG-000G-012-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	770 J <sup>54</sup>	4.1		mg/Kg-dry	1	1/25/02 10:36:08 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	23.8	0		wt%	1	1/26/02

**Lab ID:** 0201206-23  
**Client Sample ID:** CG-000G-013-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	58 J <sup>54</sup>	3.9		mg/Kg-dry	1	1/25/02 10:41:25 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	26.0	0		wt%	1	1/26/02

**Lab ID:** 0201206-24  
**Client Sample ID:** CG-000G-014-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJK		
Lead	22 J <sup>54</sup>	3.4		mg/Kg-dry	1	1/25/02 10:54:38 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: SL		
Percent Moisture	8.9	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 28-Jan-02

**CLIENT:** Roy F. Weston, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0201206

**Lab ID:** 0201206-25  
**Client Sample ID:** CG-000G-015-0

**Collection Date:** 1/23/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	140 J <sup>54</sup>	4.5		mg/Kg-dry	1	1/25/02 10:59:26 PM
PERCENT MOISTURE		D2216				Analyst: SL
Percent Moisture	31.2	0		wt%	1	1/26/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209143

**Lab ID:** 0209143-01  
**Client Sample ID:** CG-GO10-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	13	3.6		mg/Kg-dry	1	9/21/02 9:27:59 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	13.9	0		wt%	1	9/20/02

**Lab ID:** 0209143-02  
**Client Sample ID:** CG-GO11-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	32	3.6		mg/Kg-dry	1	9/21/02 9:33:03 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	13.0	0		wt%	1	9/20/02

**Lab ID:** 0209143-03  
**Client Sample ID:** CG-GO12-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	62	3.4		mg/Kg-dry	1	9/21/02 9:38:10 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	10.7	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209143

**Lab ID:** 0209143-04  
**Client Sample ID:** CG-OGP9-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	43	3.4		mg/Kg-dry	1	9/21/02 9:51:30 PM
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**PERCENT MOISTURE** **D2216** **Analyst: JEK**

Percent Moisture	9.7	0		wt%	1	9/20/02
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**Lab ID:** 0209143-05  
**Client Sample ID:** CG-GP10-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	190	3.7		mg/Kg-dry	1	9/21/02 9:57:00 PM
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**PERCENT MOISTURE** **D2216** **Analyst: JEK**

Percent Moisture	18.8	0		wt%	1	9/20/02
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**Lab ID:** 0209143-06  
**Client Sample ID:** CG-GP10-001-1

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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**ICP METALS TOTAL SW-846 - 3051/6010** **SW6010B** **Analyst: RK**

Lead	170	3.5		mg/Kg-dry	1	9/21/02 10:02:06 PM
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**PERCENT MOISTURE** **D2216** **Analyst: JEK**

Percent Moisture	17.5	0		wt%	1	9/20/02
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0209143  
**Project:** Seneca Army Depot

**Lab ID:** 0209143-07 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-GP11-001-0 MS/MSD **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	21	3.4		mg/Kg-dry	1	9/21/02 9:02:37 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	11.8	0		wt%	1	9/20/02

**Lab ID:** 0209143-08 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-OGL9-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	360	3.2		mg/Kg-dry	1	9/21/02 10:07:05 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	5.5	0		wt%	1	9/20/02

**Lab ID:** 0209143-09 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-GL10-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	290	3.4		mg/Kg-dry	1	9/21/02 10:12:46 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	10.8	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0209143  
**Project:** Seneca Army Depot

**Lab ID:** 0209143-10 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-GL11-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	240	3.8		mg/Kg-dry	1	9/21/02 10:18:04 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	22.0	0		wt%	1	9/20/02

**Lab ID:** 0209143-11 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-GL12-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	47	3.5		mg/Kg-dry	1	9/21/02 10:23:05 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	16.5	0		wt%	1	9/20/02

**Lab ID:** 0209143-12 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-0GK9-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJK
Lead	490	3.7		mg/Kg-dry	1	9/23/02 9:09:02 AM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	19.4	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0209143  
**Project:** Seneca Army Depot

<b>Lab ID:</b>	0209143-19	<b>Collection Date:</b>	9/19/02			
<b>Client Sample ID:</b>	CG-OGM9-001-0	<b>Matrix:</b>	SOIL			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	37	3.7		mg/Kg-dry	1	9/21/02 11:08:10 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JEK</b>
Percent Moisture	19.3	0		wt%	1	9/20/02

<b>Lab ID:</b>	0209143-20	<b>Collection Date:</b>	9/19/02			
<b>Client Sample ID:</b>	CG-GM10-001-0	<b>Matrix:</b>	SOIL			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	470	3.1		mg/Kg-dry	1	9/21/02 7:54:08 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JEK</b>
Percent Moisture	7.9	0		wt%	1	9/20/02

<b>Lab ID:</b>	0209143-21	<b>Collection Date:</b>	9/19/02			
<b>Client Sample ID:</b>	CG-GM11-001-0	<b>Matrix:</b>	SOIL			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: RK</b>
Lead	98	3.9		mg/Kg-dry	1	9/21/02 7:59:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JEK</b>
Percent Moisture	21.2	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0209143  
**Project:** Seneca Army Depot

**Lab ID:** 0209143-22 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-0M12-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	27	3.8		mg/Kg-dry	1	9/21/02 8:04:43 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	18.1	0		wt%	1	9/20/02

**Lab ID:** 0209143-23 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-OGN9-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	12,000	180		mg/Kg-dry	50	9/23/02 9:04:05 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	13.8	0		wt%	1	9/20/02

**Lab ID:** 0209143-24 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-GN10-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	41	3.5		mg/Kg-dry	1	9/21/02 8:15:55 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	14.3	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0209143  
**Project:** Seneca Army Depot

<b>Lab ID:</b>	0209143-25	<b>Collection Date:</b> 9/19/02				
<b>Client Sample ID:</b>	CG-GN10-001-1	<b>Matrix:</b> SOIL				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>			<b>Analyst: RK</b>	
Lead	89	3.8		mg/Kg-dry	1	9/21/02 8:21:02 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: JEK</b>	
Percent Moisture	18.0	0		wt%	1	9/20/02

<b>Lab ID:</b>	0209143-26	<b>Collection Date:</b> 9/19/02				
<b>Client Sample ID:</b>	CG-GN11-001-0	<b>Matrix:</b> SOIL				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>			<b>Analyst: RK</b>	
Lead	55	3.7		mg/Kg-dry	1	9/21/02 8:26:09 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: JEK</b>	
Percent Moisture	15.9	0		wt%	1	9/20/02

<b>Lab ID:</b>	0209143-27	<b>Collection Date:</b> 9/19/02				
<b>Client Sample ID:</b>	CG-GN12-001-0	<b>Matrix:</b> SOIL				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>			<b>Analyst: RK</b>	
Lead	97	3.4		mg/Kg-dry	1	9/21/02 8:31:09 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: JEK</b>	
Percent Moisture	14.8	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0209143

Lab ID: 0209143-19  
Client Sample ID: CG-OGM9-001-0

Collection Date: 9/19/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	.37	3.7		mg/Kg-dry	1	9/21/02 11:08:10 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	19.3	0		wt%	1	9/20/02

Lab ID: 0209143-20  
Client Sample ID: CG-GM10-001-0

Collection Date: 9/19/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	470	3.1		mg/Kg-dry	1	9/21/02 7:54:08 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	7.9	0		wt%	1	9/20/02

Lab ID: 0209143-21  
Client Sample ID: CG-GM11-001-0

Collection Date: 9/19/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	.98	3.9		mg/Kg-dry	1	9/21/02 7:59:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	21.2	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0209143

Lab ID: 0209143-13  
Client Sample ID: CG-GK10-001-0

Collection Date: 9/19/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	470	3.8		mg/Kg-dry	1	9/21/02 10:28:24 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	19.2	0		wt%	1	9/20/02

Lab ID: 0209143-14  
Client Sample ID: CG-GK10-001-1

Collection Date: 9/19/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	170	3.8		mg/Kg-dry	1	9/21/02 10:33:29 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	20.2	0		wt%	1	9/20/02

Lab ID: 0209143-15  
Client Sample ID: CG-GJ10-001-0

Collection Date: 9/19/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: RK
Lead	530	3.3		mg/Kg-dry	1	9/21/02 10:38:31 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	9.6	0		wt%	1	9/20/02

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209143

**Lab ID:** 0209143-10  
**Client Sample ID:** CG-GL11-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	240	3.8		mg/Kg-dry	1	9/21/02 10:18:04 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	22.0	0		wt%	1	9/20/02

**Lab ID:** 0209143-11  
**Client Sample ID:** CG-GL12-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	47	3.5		mg/Kg-dry	1	9/21/02 10:23:05 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	16.5	0		wt%	1	9/20/02

**Lab ID:** 0209143-12  
**Client Sample ID:** CG-0GK9-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJK
Lead	490	3.7		mg/Kg-dry	1	9/23/02 9:09:02 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	19.4	0		wt%	1	9/20/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 23-Sep-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0209143

Lab ID: 0209143-07 Collection Date: 9/19/02

Client Sample ID: CG-GP11-001-0 MS/MSD Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	21	3.4		mg/Kg-dry	1	9/21/02 9:02:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	11.8	0		wt%	1	9/20/02

Lab ID: 0209143-08 Collection Date: 9/19/02

Client Sample ID: CG-OGL9-001-0 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	360	3.2		mg/Kg-dry	1	9/21/02 10:07:05 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	5.5	0		wt%	1	9/20/02

Lab ID: 0209143-09 Collection Date: 9/19/02

Client Sample ID: CG-GL10-001-0 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: RK
Lead	290	3.4		mg/Kg-dry	1	9/21/02 10:12:46 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	10.8	0		wt%	1	9/20/02

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

**Lab ID:** 0209210-31

**Collection Date:** 9/25/02

**Client Sample ID:** CG-OGH9-001-0

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	190	3.3		mg/Kg-dry	1	9/28/02 7:47:57 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	9.7	0		wt%	1	9/27/02

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
* - Value exceeds Maximum Contaminant Level	

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

**Lab ID:** 0209210-28  
**Client Sample ID:** CG-OGE9-001-0

**Collection Date:** 9/25/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	61	3.3		mg/Kg-dry	1	9/28/02 7:30:51 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	7.7	0		wt%	1	9/27/02

**Lab ID:** 0209210-29  
**Client Sample ID:** CG-OGF9-001-0

**Collection Date:** 9/25/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	48	4.0		mg/Kg-dry	1	9/28/02 7:37:06 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	26.1	0		wt%	1	9/27/02

**Lab ID:** 0209210-30  
**Client Sample ID:** CG-OGG9-001-0

**Collection Date:** 9/25/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	36	3.3		mg/Kg-dry	1	9/28/02 7:42:50 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	4.6	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

# AMRO Environmental Laboratories Corp.

Date: 30-Sep-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0209210

Lab ID: 0209210-25  
Client Sample ID: CG-OGL6-001-0

Collection Date: 9/25/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	610	3.5		mg/Kg-dry	1	9/28/02 7:05:55 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	11.0	0		wt%	1	9/27/02

Lab ID: 0209210-26  
Client Sample ID: CG-OGL7-001-0

Collection Date: 9/25/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	43	3.4		mg/Kg-dry	1	9/28/02 7:11:23 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	7.8	0		wt%	1	9/27/02

Lab ID: 0209210-27  
Client Sample ID: CG-OGL8-001-0

Collection Date: 9/25/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	460	3.2		mg/Kg-dry	1	9/28/02 7:17:05 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	6.4	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

<b>Lab ID:</b>	0209210-22	<b>Collection Date:</b>	9/25/02			
<b>Client Sample ID:</b>	CG-OGK8-001-0	<b>Matrix:</b>	SOIL			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	610	3.2		mg/Kg-dry	1	9/28/02 6:55:44 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	8.3	0		wt%	1	9/27/02

<b>Lab ID:</b>	0209210-23	<b>Collection Date:</b>	9/25/02			
<b>Client Sample ID:</b>	CG-GK11-001-0 MS/MSD	<b>Matrix:</b>	SOIL			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	170	3.6		mg/Kg-dry	1	9/28/02 6:10:21 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	14.1	0		wt%	1	9/27/02

<b>Lab ID:</b>	0209210-24	<b>Collection Date:</b>	9/25/02			
<b>Client Sample ID:</b>	CG-UGL5-001-0	<b>Matrix:</b>	SOIL			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	27	3.7		mg/Kg-dry	1	9/28/02 7:00:50 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	18.0	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

**Lab ID:** 0209210-19  
**Client Sample ID:** CG-OGK6-001-0

**Collection Date:** 9/25/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	59	3.3		mg/Kg-dry	1	9/28/02 5:55:45 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	6.7	0		wt%	1	9/27/02

**Lab ID:** 0209210-20  
**Client Sample ID:** CG-OGK6-001-1

**Collection Date:** 9/25/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	47	3.3		mg/Kg-dry	1	9/28/02 6:44:22 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	6.7	0		wt%	1	9/27/02

**Lab ID:** 0209210-21  
**Client Sample ID:** CG-OGK7-001-0

**Collection Date:** 9/25/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	2,000	3.5		mg/Kg-dry	1	9/28/02 6:50:35 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	12.9	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

<b>Lab ID:</b>	0209210-16	<b>Collection Date:</b>	9/25/02		
<b>Client Sample ID:</b>	CG-OGJ6-001-0	<b>Matrix:</b>	SOIL		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>			Analyst: SJC
Lead	120	3.5	mg/Kg-dry	1	9/28/02 5:38:41 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			Analyst: JEK
Percent Moisture	14.4	0	wt%	1	9/27/02

<b>Lab ID:</b>	0209210-17	<b>Collection Date:</b>	9/25/02		
<b>Client Sample ID:</b>	CG-OGJ8-001-0	<b>Matrix:</b>	SOIL		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>			Analyst: SJC
Lead	98	3.3	mg/Kg-dry	1	9/28/02 5:43:46 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			Analyst: JEK
Percent Moisture	11.1	0	wt%	1	9/27/02

<b>Lab ID:</b>	0209210-18	<b>Collection Date:</b>	9/25/02		
<b>Client Sample ID:</b>	CG-OGK5-001-0	<b>Matrix:</b>	SOIL		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>			Analyst: SJC
Lead	150	3.6	mg/Kg-dry	1	9/28/02 5:50:02 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			Analyst: JEK
Percent Moisture	15.6	0	wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0209210

Lab ID:	0209210-13	Collection Date:	9/25/02
Client Sample ID:	CG-OGS7-001-0	Matrix:	SOIL
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual Units</b>
			<b>DF</b>
			<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>	
			Analyst: SJC
Lead	39	3.6	mg/Kg-dry
			1
			9/28/02 5:14:55 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>	
			Analyst: JEK
Percent Moisture	16.8	0	wt%
			1
			9/27/02

Lab ID:	0209210-14	Collection Date:	9/25/02
Client Sample ID:	CG-OGS8-001-0	Matrix:	SOIL
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual Units</b>
			<b>DF</b>
			<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>	
			Analyst: SJC
Lead	74	3.7	mg/Kg-dry
			1
			9/28/02 5:28:14 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>	
			Analyst: JEK
Percent Moisture	19.6	0	wt%
			1
			9/27/02

Lab ID:	0209210-15	Collection Date:	9/25/02
Client Sample ID:	CG-OGJ5-001-0	Matrix:	SOIL
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual Units</b>
			<b>DF</b>
			<b>Date Analyzed</b>
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>	
			Analyst: SJC
Lead	240	3.3	mg/Kg-dry
			1
			9/28/02 5:33:15 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>	
			Analyst: JEK
Percent Moisture	9.9	0	wt%
			1
			9/27/02

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

**Lab ID:** 0209210-10  
**Client Sample ID:** CG-GL14-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	110	3.9		mg/Kg-dry	1	9/28/02 4:59:51 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	23.3	0		wt%	1	9/27/02

**Lab ID:** 0209210-11  
**Client Sample ID:** CG-GK13-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	85	3.6		mg/Kg-dry	1	9/28/02 5:04:52 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	15.1	0		wt%	1	9/27/02

**Lab ID:** 0209210-12  
**Client Sample ID:** CG-OGS6-001-0

**Collection Date:** 9/25/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	35	3.6		mg/Kg-dry	1	9/28/02 5:09:54 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	16.8	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

**Lab ID:** 0209210-07  
**Client Sample ID:** CG-OGQ7-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	67	3.5		mg/Kg-dry	1	9/28/02 4:44:34 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	13.5	0		wt%	1	9/27/02

**Lab ID:** 0209210-08  
**Client Sample ID:** CG-OGQ8-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	140	3.7		mg/Kg-dry	1	9/28/02 4:49:39 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	18.1	0		wt%	1	9/27/02

**Lab ID:** 0209210-09  
**Client Sample ID:** CG-GL13-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	160	3.1		mg/Kg-dry	1	9/28/02 4:54:45 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	7.2	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

**Lab ID:** 0209210-04 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-OGR7-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	19	3.6		mg/Kg-dry	1	9/28/02 4:29:21 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	13.1	0		wt%	1	9/27/02

**Lab ID:** 0209210-05 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-OGR8-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	77	3.6		mg/Kg-dry	1	9/28/02 4:34:24 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	14.7	0		wt%	1	9/27/02

**Lab ID:** 0209210-06 **Collection Date:** 9/19/02  
**Client Sample ID:** CG-OGQ6-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	22	3.4		mg/Kg-dry	1	9/28/02 4:39:28 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	10.2	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 30-Sep-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0209210

**Lab ID:** 0209210-01  
**Client Sample ID:** CG-OGR5-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	54	3.8		mg/Kg-dry	1	9/28/02 3:45:29 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	18.9	0		wt%	1	9/27/02

**Lab ID:** 0209210-02  
**Client Sample ID:** CG-OGR5-001-1

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	53	3.8		mg/Kg-dry	1	9/28/02 4:10:59 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	20.5	0		wt%	1	9/27/02

**Lab ID:** 0209210-03  
**Client Sample ID:** CG-OGR6-001-0

**Collection Date:** 9/19/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	19	3.7		mg/Kg-dry	1	9/28/02 4:16:02 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	18.2	0		wt%	1	9/27/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 04-Oct-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0210031  
**Project:** Seneca Army Depot

**Lab ID:** 0210031-01 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GI5-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	57	3.6		mg/Kg-dry	1	10/3/02 5:09:47 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	12.6	0		wt%	1	10/3/02

**Lab ID:** 0210031-02 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GI6-001-0 MS/MSD **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	200	3.5		mg/Kg-dry	1	10/3/02 4:44:26 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	15.3	0		wt%	1	10/3/02

**Lab ID:** 0210031-03 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GI7-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	160	3.7		mg/Kg-dry	1	10/3/02 5:15:08 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	17.9	0		wt%	1	10/3/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 04-Oct-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0210031  
**Project:** Seneca Army Depot

**Lab ID:** 0210031-04 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GI8-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	130	3.4		mg/Kg-dry	1	10/3/02 5:28:20 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	12.2	0		wt%	1	10/3/02

**Lab ID:** 0210031-05 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GC8-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	160	3.3		mg/Kg-dry	1	10/3/02 5:33:27 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	5.5	0		wt%	1	10/3/02

**Lab ID:** 0210031-06 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GC7-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	96	3.3		mg/Kg-dry	1	10/3/02 5:38:50 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	6.4	0		wt%	1	10/3/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
B - Analyte detected in the associated Method Blank E - Value above quantitation range  
\* - Value exceeds Maximum Contaminant Level



**AMRO Environmental Laboratories Corp.**

Date: 04-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210031

**Lab ID:** 0210031-07  
**Client Sample ID:** CG-0GD7-001-0

**Collection Date:** 10/1/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	220	3.4		mg/Kg-dry	1	10/3/02 5:44:13 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	12.2	0		wt%	1	10/3/02

**Lab ID:** 0210031-08  
**Client Sample ID:** CG-0GD6-001-0

**Collection Date:** 10/1/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	14	3.4		mg/Kg-dry	1	10/3/02 5:50:17 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	8.3	0		wt%	1	10/3/02

**Lab ID:** 0210031-09  
**Client Sample ID:** CG-0GD5-001-0

**Collection Date:** 10/1/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	360	3.4		mg/Kg-dry	1	10/3/02 5:56:20 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	10.3	0		wt%	1	10/3/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 04-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210031

**Lab ID:** 0210031-10  
**Client Sample ID:** CG-0GC5-001-0

**Collection Date:** 10/1/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	71	3.4		mg/Kg-dry	1	10/3/02 6:01:29 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	12.8	0		wt%	1	10/3/02

**Lab ID:** 0210031-11  
**Client Sample ID:** CG-0GB5-001-0

**Collection Date:** 10/1/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	42	3.4		mg/Kg-dry	1	10/3/02 6:06:31 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	9.4	0		wt%	1	10/3/02

**Lab ID:** 0210031-12  
**Client Sample ID:** CG-0GA5-001-0

**Collection Date:** 10/1/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	19	3.5		mg/Kg-dry	1	10/3/02 6:12:07 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	17.1	0		wt%	1	10/3/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 04-Oct-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0210031  
**Project:** Seneca Army Depot

**Lab ID:** 0210031-13 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GA5-001-1 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	19	3.7		mg/Kg-dry	1	10/3/02 6:17:08 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	19.6	0		wt%	1	10/3/02

**Lab ID:** 0210031-14 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GA6-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	9.4	3.5		mg/Kg-dry	1	10/3/02 6:30:04 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	14.3	0		wt%	1	10/3/02

**Lab ID:** 0210031-15 **Collection Date:** 10/1/02  
**Client Sample ID:** CG-0GA7-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	18	3.6		mg/Kg-dry	1	10/3/02 6:36:02 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	15.1	0		wt%	1	10/3/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 04-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210031

**Lab ID:** 0210031-16  
**Client Sample ID:** CG-0GA8-001-0

**Collection Date:** 10/1/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				<b>Analyst: SJC</b>
Lead	14	3.5		mg/Kg-dry	1	10/3/02 6:41:18 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				<b>Analyst: JEK</b>
Percent Moisture	13.5	0		wt%	1	10/3/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 09-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210063

**Lab ID:** 0210063-01  
**Client Sample ID:** CG-0GD2-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	12	3.4		mg/Kg-dry	1	10/8/02 5:50:14 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	11.2	0		wt%	1	10/8/02

**Lab ID:** 0210063-02  
**Client Sample ID:** CG-0GD3-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	14	3.5		mg/Kg-dry	1	10/8/02 6:05:22 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	18.2	0		wt%	1	10/8/02

**Lab ID:** 0210063-03  
**Client Sample ID:** CG-0GD4-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	27	3.3		mg/Kg-dry	1	10/8/02 6:11:03 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	9.8	0		wt%	1	10/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 09-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210063

**Lab ID:** 0210063-04  
**Client Sample ID:** CG-0GC1-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	75	3.8		mg/Kg-dry	1	10/8/02 6:17:28 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	20.4	0		wt%	1	10/8/02

**Lab ID:** 0210063-05  
**Client Sample ID:** CG-0GC2-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	420	3.5		mg/Kg-dry	1	10/8/02 6:23:03 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	14.1	0		wt%	1	10/8/02

**Lab ID:** 0210063-06  
**Client Sample ID:** CG-0GC3-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	61	3.6		mg/Kg-dry	1	10/8/02 6:29:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	13.1	0		wt%	1	10/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 09-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210063

**Lab ID:** 0210063-07  
**Client Sample ID:** CG-0GC4-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	17	3.5		mg/Kg-dry	1	10/8/02 6:35:27 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	12.2	0		wt%	1	10/8/02

**Lab ID:** 0210063-08  
**Client Sample ID:** CG-0GB1-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	22	3.6		mg/Kg-dry	1	10/8/02 6:41:12 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	18.5	0		wt%	1	10/8/02

**Lab ID:** 0210063-09  
**Client Sample ID:** CG-0GB2-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	250	3.2		mg/Kg-dry	1	10/8/02 6:47:00 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	9.3	0		wt%	1	10/8/02

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 09-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210063

**Lab ID:** 0210063-10  
**Client Sample ID:** CG-0GB3-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	100	3.6		mg/Kg-dry	1	10/8/02 6:53:39 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	19.4	0		wt%	1	10/8/02

**Lab ID:** 0210063-11  
**Client Sample ID:** CG-0GB4-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	31	3.5		mg/Kg-dry	1	10/8/02 6:59:25 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	14.9	0		wt%	1	10/8/02

**Lab ID:** 0210063-12  
**Client Sample ID:** CG-0GA2-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	15	3.9		mg/Kg-dry	1	10/8/02 7:14:15 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	19.8	0		wt%	1	10/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level



**AMRO Environmental Laboratories Corp.**

Date: 09-Oct-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0210063

**Lab ID:** 0210063-13  
**Client Sample ID:** CG-0GA3-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	16	3.7		mg/Kg-dry	1	10/8/02 7:20:06 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	19.4	0		wt%	1	10/8/02

**Lab ID:** 0210063-14  
**Client Sample ID:** CG-0GA4-001-0

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	25	3.7		mg/Kg-dry	1	10/8/02 7:25:52 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	21.3	0		wt%	1	10/8/02

**Lab ID:** 0210063-15  
**Client Sample ID:** CG-0GD2-001-1

**Collection Date:** 10/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	12	3.3		mg/Kg-dry	1	10/8/02 7:31:31 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	10.4	0		wt%	1	10/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 11-Nov-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0211066

**Lab ID:** 0211066-07  
**Client Sample ID:** CG-0GJ9-002-0

**Collection Date:** 11/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	96	3.5		mg/Kg-dry	1	11/8/02 7:44:26 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	15.4	0		wt%	1	11/8/02

**Lab ID:** 0211066-08  
**Client Sample ID:** CG-0GJ9-003-0

**Collection Date:** 11/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	18	3.5		mg/Kg-dry	1	11/8/02 7:49:58 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	14.4	0		wt%	1	11/8/02

**Lab ID:** 0211066-09  
**Client Sample ID:** CG-0GJ9-003-1

**Collection Date:** 11/7/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	20	3.8		mg/Kg-dry	1	11/8/02 7:55:53 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	17.6	0		wt%	1	11/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 11-Nov-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0211066  
**Project:** Seneca Army Depot

**Lab ID:** 0211066-04 **Collection Date:** 11/6/02  
**Client Sample ID:** CG-GJ10-003-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	280	3.2		mg/Kg-dry	1	11/8/02 7:27:26 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	8.9	0		wt%	1	11/8/02

**Lab ID:** 0211066-05 **Collection Date:** 11/6/02  
**Client Sample ID:** CG-GK10-002-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	97	3.8		mg/Kg-dry	1	11/8/02 7:33:15 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	20.0	0		wt%	1	11/8/02

**Lab ID:** 0211066-06 **Collection Date:** 11/6/02  
**Client Sample ID:** CG-GK10-003-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	35	6.0		mg/Kg-dry	1	11/8/02 7:38:48 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	49.8	0		wt%	1	11/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 11-Nov-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0211066

**Lab ID:** 0211066-01  
**Client Sample ID:** CG-0GN9-002-0

**Collection Date:** 11/5/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	22	3.4		mg/Kg-dry	1	11/8/02 6:37:08 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	14.7	0		wt%	1	11/8/02

**Lab ID:** 0211066-02  
**Client Sample ID:** CG-0GN9-003-0

**Collection Date:** 11/5/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	17	3.2		mg/Kg-dry	1	11/8/02 7:06:11 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	10.2	0		wt%	1	11/8/02

**Lab ID:** 0211066-03  
**Client Sample ID:** CG-GJ10-002-0

**Collection Date:** 11/6/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	770	3.9		mg/Kg-dry	1	11/8/02 7:21:47 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	22.4	0		wt%	1	11/8/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212002

**Lab ID:** 0212002-10  
**Client Sample ID:** CG-0GL6-003-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	30	4.1		mg/Kg-dry	1	12/2/02 11:39:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	26.3	0		wt%	1	12/2/02

**Lab ID:** 0212002-11  
**Client Sample ID:** CG-0GL6-003-1

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	19	3.8		mg/Kg-dry	1	12/2/02 11:45:07 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	19.0	0		wt%	1	12/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212002

**Lab ID:** 0212002-07  
**Client Sample ID:** CG-0GK7-002-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: SJC
Lead	1,100	3.6		mg/Kg-dry	1	12/2/02 11:22:39 PM
PERCENT MOISTURE						Analyst: JEK
Percent Moisture	18.2	0		wt%	1	12/2/02

**Lab ID:** 0212002-08  
**Client Sample ID:** CG-0GK7-003-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: SJC
Lead	25	3.6		mg/Kg-dry	1	12/2/02 11:28:28 PM
PERCENT MOISTURE						Analyst: JEK
Percent Moisture	14.6	0		wt%	1	12/2/02

**Lab ID:** 0212002-09  
**Client Sample ID:** CG-0GL6-002-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010						Analyst: SJC
Lead	40	4.1		mg/Kg-dry	1	12/2/02 11:34:04 PM
PERCENT MOISTURE						Analyst: JEK
Percent Moisture	24.5	0		wt%	1	12/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-02

**CLIENT:** Weston Solutions, Inc. **Lab Order:** 0212002  
**Project:** Seneca Army Depot

**Lab ID:** 0212002-04 **Collection Date:** 11/26/02  
**Client Sample ID:** CG-0GK9-003-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	31	4.0		mg/Kg-dry	1	12/2/02 10:56:36 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	23.5	0		wt%	1	12/2/02

**Lab ID:** 0212002-05 **Collection Date:** 11/26/02  
**Client Sample ID:** CG-0GK8-002-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	22	3.8		mg/Kg-dry	1	12/2/02 11:11:14 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	23.0	0		wt%	1	12/2/02

**Lab ID:** 0212002-06 **Collection Date:** 11/26/02  
**Client Sample ID:** CG-0GK8-003-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	24	3.7		mg/Kg-dry	1	12/2/02 11:16:54 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	17.4	0		wt%	1	12/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212002

**Lab ID:** 0212002-10  
**Client Sample ID:** CG-0GL6-003-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	30	4.1		mg/Kg-dry	1	12/2/02 11:39:37 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	26.3	0		wt%	1	12/2/02

**Lab ID:** 0212002-11  
**Client Sample ID:** CG-0GL6-003-1

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: SJC
Lead	19	3.8		mg/Kg-dry	1	12/2/02 11:45:07 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: JEK
Percent Moisture	19.0	0		wt%	1	12/2/02

**Qualifiers:**

ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	E - Value above quantitation range
* - Value exceeds Maximum Contaminant Level	



# AMRO Environmental Laboratories Corp.

Date: 04-Dec-02

CLIENT: Weston Solutions, Inc.  
Project: Seneca Army Depot

Lab Order: 0212002

Lab ID: 0212002-07  
Client Sample ID: CG-0GK7-002-0

Collection Date: 11/26/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	1,100	3.6		mg/Kg-dry	1	12/2/02 11:22:39 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	18.2	0		wt%	1	12/2/02

Lab ID: 0212002-08  
Client Sample ID: CG-0GK7-003-0

Collection Date: 11/26/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	25	3.6		mg/Kg-dry	1	12/2/02 11:28:28 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	14.6	0		wt%	1	12/2/02

Lab ID: 0212002-09  
Client Sample ID: CG-0GL6-002-0

Collection Date: 11/26/02  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	40	4.1		mg/Kg-dry	1	12/2/02 11:34:04 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	24.5	0		wt%	1	12/2/02

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 04-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212002

**Lab ID:** 0212002-04  
**Client Sample ID:** CG-0GK9-003-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	31	4.0		mg/Kg-dry	1	12/2/02 10:56:36 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	23.5	0		wt%	1	12/2/02

**Lab ID:** 0212002-05  
**Client Sample ID:** CG-0GK8-002-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	22	3.8		mg/Kg-dry	1	12/2/02 11:11:14 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	23.0	0		wt%	1	12/2/02

**Lab ID:** 0212002-06  
**Client Sample ID:** CG-0GK8-003-0

**Collection Date:** 11/26/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	24	3.7		mg/Kg-dry	1	12/2/02 11:16:54 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	17.4	0		wt%	1	12/2/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 13-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212089

**Lab ID:** 0212089-07

**Collection Date:** 12/11/02

**Client Sample ID:** CG-G110-003-0

**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		SW6010B				Analyst: SJC
Lead	13	3.4		mg/Kg-dry	1	12/12/02 2:46:09 PM
PERCENT MOISTURE		D2216				Analyst: JEK
Percent Moisture	14.3	0		wt%	1	12/12/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 13-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212089

**Lab ID:** 0212089-04  
**Client Sample ID:** CG-GI10-002-0

**Collection Date:** 12/11/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	62	3.5		mg/Kg-dry	1	12/12/02 2:29:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	13.1	0		wt%	1	12/12/02

**Lab ID:** 0212089-05  
**Client Sample ID:** CG-0GD5-003-0

**Collection Date:** 12/10/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	27	3.6		mg/Kg-dry	1	12/12/02 2:34:43 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	13.5	0		wt%	1	12/12/02

**Lab ID:** 0212089-06  
**Client Sample ID:** CG-0G19-003-0

**Collection Date:** 12/10/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	38	3.5		mg/Kg-dry	1	12/12/02 2:40:28 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	13.8	0		wt%	1	12/12/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 13-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212089

**Lab ID:** 0212089-01  
**Client Sample ID:** CG-0GD5-002-0

**Collection Date:** 12/10/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	170	3.4		mg/Kg-dry	1	12/12/02 1:40:14 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	13.0	0		wt%	1	12/12/02

**Lab ID:** 0212089-02  
**Client Sample ID:** CG-GL10S-001-0

**Collection Date:** 12/10/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	27	3.6		mg/Kg-dry	1	12/12/02 2:08:28 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	15.8	0		wt%	1	12/12/02

**Lab ID:** 0212089-03  
**Client Sample ID:** CG-0G19-002-0

**Collection Date:** 12/10/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: SJC		
Lead	120	3.8		mg/Kg-dry	1	12/12/02 2:14:05 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: JEK		
Percent Moisture	24.6	0		wt%	1	12/12/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 18-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212132

**Lab ID:** 0212132-13  
**Client Sample ID:** CG-GJ10-006-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: <b>SJC</b>		
Lead	130	4.1		mg/Kg-dry	1	12/17/02 6:36:52 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: <b>JEK</b>		
Percent Moisture	24.6	0		wt%	1	12/18/02

**Lab ID:** 0212132-14  
**Client Sample ID:** CG-0GC1S-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: <b>SJC</b>		
Lead	21	3.4		mg/Kg-dry	1	12/17/02 6:42:19 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: <b>JEK</b>		
Percent Moisture	32.0	0		wt%	1	12/18/02

**Lab ID:** 0212132-15  
**Client Sample ID:** CG-GJ10-007-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>		Analyst: <b>SJC</b>		
Lead	19	3.5		mg/Kg-dry	1	12/17/02 6:47:43 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: <b>JEK</b>		
Percent Moisture	12.2	0		wt%	1	12/18/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 18-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212132

**Lab ID:** 0212132-10  
**Client Sample ID:** CG-0GC3N-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	42	3.5		mg/Kg-dry	1	12/17/02 6:11:05 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	15.2	0		wt%	1	12/18/02

**Lab ID:** 0212132-11  
**Client Sample ID:** CG-0GB2W-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	1,300	4.0		mg/Kg-dry	1	12/17/02 6:16:46 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	25.5	0		wt%	1	12/18/02

**Lab ID:** 0212132-12  
**Client Sample ID:** CG-0GB3S-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	420	4.2		mg/Kg-dry	1	12/17/02 6:22:35 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	29.0	0		wt%	1	12/18/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

**AMRO Environmental Laboratories Corp.**

Date: 18-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212132

**Lab ID:** 0212132-07  
**Client Sample ID:** CG-0GC8W-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	15	4.5		mg/Kg-dry	1	12/17/02 5:54:31 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	32.1	0		wt%	1	12/18/02

**Lab ID:** 0212132-08  
**Client Sample ID:** CG-0GC7W-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	430	3.9		mg/Kg-dry	1	12/17/02 6:00:01 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	23.8	0		wt%	1	12/18/02

**Lab ID:** 0212132-09  
**Client Sample ID:** CG-0GC2S-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	210	3.9		mg/Kg-dry	1	12/17/02 6:05:33 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	23.1	0		wt%	1	12/18/02

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range



**AMRO Environmental Laboratories Corp.**

Date: 18-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212132

**Lab ID:** 0212132-04 **Collection Date:** 12/16/02  
**Client Sample ID:** CG-0GI6S-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	47	3.8		mg/Kg-dry	1	12/17/02 5:37:51 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	21.2	0		wt%	1	12/18/02

**Lab ID:** 0212132-05 **Collection Date:** 12/16/02  
**Client Sample ID:** CG-0GJ6W-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	170	3.8		mg/Kg-dry	1	12/17/02 5:43:20 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	20.1	0		wt%	1	12/18/02

**Lab ID:** 0212132-06 **Collection Date:** 12/16/02  
**Client Sample ID:** CG-0GC8E-001-0 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	40	4.3		mg/Kg-dry	1	12/17/02 5:49:03 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	31.0	0		wt%	1	12/18/02

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

**AMRO Environmental Laboratories Corp.**

Date: 18-Dec-02

**CLIENT:** Weston Solutions, Inc.  
**Project:** Seneca Army Depot

**Lab Order:** 0212132

**Lab ID:** 0212132-01  
**Client Sample ID:** CG-0GH9W-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	280	3.7		mg/Kg-dry	1	12/17/02 4:45:52 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	18.4	0		wt%	1	12/18/02

**Lab ID:** 0212132-02  
**Client Sample ID:** CG-0GI8N-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	250	4.0		mg/Kg-dry	1	12/17/02 5:18:01 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	21.7	0		wt%	1	12/18/02

**Lab ID:** 0212132-03  
**Client Sample ID:** CG-0GI7W-001-0

**Collection Date:** 12/16/02  
**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
<b>ICP METALS TOTAL SW-846 - 3051/6010</b>		<b>SW6010B</b>				Analyst: <b>SJC</b>
Lead	19	3.9		mg/Kg-dry	1	12/17/02 5:32:19 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>				Analyst: <b>JEK</b>
Percent Moisture	22.0	0		wt%	1	12/18/02

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

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**ATTACHMENT H**

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**Table 4-4**  
**Soil and Sediment Remediation, Open Burining Grounds**  
**Sencea Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Reeder Creek Confirmation Sample Data**

**Southern Section of Reeder Creek (0+00 - 11+45)**

Sample Number	Sample 1		Station ID
	Copper 16 mg/kg	Lead 31 mg/kg	
000-B01	N/A	N/A	0+00
000-S01	51	61	0+00
000-S02	29	35	0+00
050-B01	N/A	N/A	0+50
050-S01	20	18	0+50
050-S02	32	36	0+50
100-B01	N/A	N/A	1+00
100-S01	35	22	1+00
100-S02	33	27	1+00
150-B01	N/A	N/A	1+50
150-S01	86	69	1+50
150-S02	53	59	1+50
200-B01	N/A	N/A	2+00
200-S01	42 (37)	39 (49)	2+00
200-S02	28	26	2+00
250-B01	N/A	N/A	2+50
250-S03	44	49	2+50
250-S04	32	33	2+50
300-B01	N/A	N/A	3+00
300-S01	32	36	3+00
300-S03	35	40	3+00
300-S04	33 J <sup>19</sup>	60 J <sup>19</sup>	3+00
350-B01	N/A	N/A	3+50
350-S03	31	33	3+50
350-S04	41	55	3+50
400-B01	N/A	N/A	4+00
400-S05	41	56	4+00
400-S06	42	59	4+00
450-B01	N/A	N/A	4+50
450-S05	25	53	4+50
450-S06	42	24	4+50
500-B01	N/A	N/A	5+00
500-S05	34	32	5+00
500-S06	23	18	5+00
550-B01	N/A	N/A	5+50
550-S05	29	30	5+50
550-S06	26	17	5+50
600-B01	N/A	N/A	6+00
600-S05	43	35	6+00
600-S06	58	41	6+00
650-B01	N/A	N/A	6+50
650-S01	43	48	6+50
650-S06	48 J <sup>14</sup>	47 J <sup>14</sup>	6+50



**Table 4-4**  
**Soil and Sediment Remediation, Open Burining Grounds**  
**Seneca Army Depot Activity, Romulus, NY**  
**Data Summary**  
**Reeder Creek Confirmation Sample Data**

Sample Number	Sample 1		Station ID
	Copper 16 mg/kg	Lead 31 mg/kg	
700-B01	N/A	N/A	7+00
700-S05	36	48	7+00
700-S02	44	38	7+00
750-B01	N/A	N/A	7+50
750-S05	52	68	7+50
750-S06	21	21	7+50
800-B01	N/A	N/A	8+00
800-S01	48	49	8+00
800-S06	39	46	8+00
850-B01	N/A	N/A	8+50
850-S05	37	36	8+50
850-S06	58	44	8+50
900-B01	N/A	N/A	9+00
900-S05	54 (53)	49 (46)	9+00
900-S02	51 (55)	35 (33)	9+00
950-B02	39	36	9+50
950-S05	53	65	9+50
950-ES2	68	83	9+50
1000-B01	N/A	N/A	10+00
1000-S03	37	41 J <sup>1</sup>	10+00
1000-S04	29	18 J <sup>1</sup>	10+00
1050-B01	N/A	N/A	10+50
1050-S03	28 (41)	32 (94) J <sup>1</sup>	10+50
1050-S02	38.1	29.6	10+50
1100-B01	N/A	N/A	11+00
1100-S03	37	30 J <sup>1</sup>	11+00
1100-S04	28	21 J <sup>1</sup>	11+00
1145-B01	N/A	N/A	11+45
1145-S03	38	40 J <sup>1</sup>	11+45
1145-S04	34	19 J <sup>1</sup>	11+45
<b>Auger Station</b>			
1145-2	31	25	11+45
1145-4	30	27	11+45
1145-6	35	31	11+45
1145-8	44	42	11+45
1145-10	33	31	11+45
1145-12	36	24	11+45
1145-14	41	38	11+45
1145-16	43	53	11+45
1145-18	45	60	11+45
1145-20	43	49	11+45
1145-22	41	47	11+45
1145-24	41	41	11+45

N/A Shale (No Sample)

J Estimated





AMRO Environmental Laboratory Report

Client:  
 Roy F. Weston, Inc.  
 1 Wall Street  
 Manchester, NH 03101

Client Designation:  
 Seneca Army Depot

Attn: Mr. Chris Kane

Samples Qty/Type: 5/Solid

AMRO Designation: 24642  
 Date Sampled: 11/03/99  
 Date Rec'vd: 11/04/99  
 Date Complete: 11/04/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CN-1130-B01-0	24642-01	Digestion			11/04/99	GS	3051
		Total Solids	38.6	%	11/04/99	GS	2540G
		Copper, Total	180.	mg/Kg	11/04/99	RK	6010
		Lead, Total	49.	mg/Kg	11/04/99	RK	6010
CN-N100-B01-0	24642-02	Digestion			11/04/99	GS	3051
		Total Solids	75.3	%	11/04/99	GS	2540G
		Copper, Total	32.	mg/Kg	11/04/99	RK	6010
		Lead, Total	32.	mg/Kg	11/04/99	RK	6010
-0950-B02-0	24642-03	Digestion			11/04/99	GS	3051
		Total Solids	79.1	%	11/04/99	GS	2540G
		Copper, Total	39.	mg/Kg	11/04/99	RK	6010
		Lead, Total	36.	mg/Kg	11/04/99	RK	6010
CS-0950-S03-0	24642-04	Digestion			11/04/99	GS	3051
		Total Solids	68.0	%	11/04/99	GS	2540G
		Copper, Total	62.	mg/Kg	11/04/99	RK	6010
		Lead, Total	62.	mg/Kg	11/04/99	RK	6010
CS-0900-S03-0	24642-05	Digestion			11/04/99	GS	3051
		Total Solids	78.9	%	11/04/99	GS	2540G
		Copper, Total	51.	mg/Kg	11/04/99	RK	6010
		Lead, Total	42.	mg/Kg	11/04/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

The following standard abbreviations and conventions apply throughout all sections:

- < = 'Less than' followed by the detection limit.
- > = 'Greater than'



AMRO Environmental Laboratory Report

Client:  
Roy F. Weston  
5537 Rt. 96A  
Post Gate #2  
Seneca Army Depot  
Romulus, NY 14541  
Attn: Ms. Denise Roy

Client Designation:  
Seneca Army Depot

Samples Qty/Type: 10/Solid

AMRO Designation: 24727  
Date Sampled: 11/09/99  
Date Rec'vd: 11/10/99  
Date Complete: 11/10/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CN-N050-B01-0	24727-01	Digestion			11/10/99	CM	3051
		Total Solids	66.4	%	11/10/99	RK	2540G
		Copper, Total	110.	mg/Kg	11/10/99	RK	6010
		Lead, Total	130.	mg/Kg	11/10/99	RK	6010
CN-N100-B01-0	24727-02	Digestion			11/10/99	CM	3051
		Total Solids	68.5	%	11/10/99	RK	254
		Copper, Total	48.	mg/Kg	11/10/99	RK	6010
		Lead, Total	30.	mg/Kg	11/10/99	RK	6010
CN-1240-B01-0	24727-03	Digestion			11/10/99	CM	3051
		Total Solids	80.8	%	11/10/99	RK	2540G
		Copper, Total	47.	mg/Kg	11/10/99	RK	6010
		Lead, Total	26.	mg/Kg	11/10/99	RK	6010
CN-1340-B01-0	24727-04	Digestion			11/10/99	CM	3051
		Total Solids	77.1	%	11/10/99	RK	2540G
		Copper, Total	J <sup>14</sup> 37.	mg/Kg	11/10/99	RK	6010
		Lead, Total	J <sup>14</sup> 23.	mg/Kg	11/10/99	RK	6010
CN-1440-B01-0	24727-05	Digestion			11/10/99	CM	3051
		Total Solids	72.2	%	11/10/99	RK	2540G
		Copper, Total	43.	mg/Kg	11/10/99	RK	6010
		Lead, Total	420.	mg/Kg	11/10/99	RK	6010
CS-0950-S05-0	24727-06	Digestion			11/10/99	CM	3051
		Total Solids	85.1	%	11/10/99	RK	2540G
		Copper, Total	53.	mg/Kg	11/10/99	RK	6010
		Lead, Total	65.	mg/Kg	11/10/99	RK	6010

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Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0900-S05-0	24727-07	Digestion			11/10/99	CM	3051
		Total Solids	84.1	%	11/10/99	RK	2540G
		Copper, Total	54.	mg/Kg	11/10/99	RK	6010
		Lead, Total	49.	mg/Kg	11/10/99	RK	6010
CS-0900-S05-1	24727-08	Digestion			11/10/99	CM	3051
		Total Solids	80.9	%	11/10/99	RK	2540G
		Copper, Total	53.	mg/Kg	11/10/99	RK	6010
		Lead, Total	46.	mg/Kg	11/10/99	RK	6010
CS-0850-S05-0	24727-09	Digestion			11/10/99	CM	3051
		Total Solids	83.4	%	11/10/99	RK	2540G
		Copper, Total	37.	mg/Kg	11/10/99	RK	6010
		Lead, Total	36.	mg/Kg	11/10/99	RK	6010
CS-0850-S06-0	24727-10	Digestion			11/10/99	CM	3051
		Total Solids	77.5	%	11/10/99	RK	2540G
		Copper, Total	58.	mg/Kg	11/10/99	RK	6010
		Lead, Total	44.	mg/Kg	11/10/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

The following standard abbreviations and conventions apply throughout all sections:

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> = 'Greater than'



AMRO Environmental Laboratory Report

Client:  
 Roy F. Weston  
 5537 Rt. 96A  
 Post Gate #2  
 Seneca Army Depot  
 Romulus, NY 14541  
 Attn: Ms. Denise Roy

Client Designation:  
 Seneca Army Depot

Samples Qty/Type: 14/Solid

AMRO Designation: 24778  
 Date Sampled: 11/12/99  
 Date Rec'vd: 11/13/99  
 Date Complete: 11/15/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
AU-1245-002-0	24778-01	Digestion			11/15/99	GS	3051
		Total Solids	80.5	%	11/15/99	MDM	2540G
		Copper, Total	31.	mg/Kg	11/15/99	RK	6010
		Lead, Total	25.	mg/Kg	11/15/99	RK	6010
AU-1245-004-0	24778-02	Digestion			11/15/99	GS	3051
		Total Solids	82.2	%	11/15/99	MDM	2540G
		Copper, Total	30.	mg/Kg	11/15/99	RK	6010
		Lead, Total	27.	mg/Kg	11/15/99	RK	60
AU-1245-006-0	24778-03	Digestion			11/15/99	GS	3051
		Total Solids	90.4	%	11/15/99	MDM	2540G
		Copper, Total	35.	mg/Kg	11/15/99	RK	6010
		Lead, Total	31.	mg/Kg	11/15/99	RK	6010
AU-1245-008-0	24778-04	Digestion			11/15/99	GS	3051
		Total Solids	89.0	%	11/15/99	MDM	2540G
		Copper, Total	44.	mg/Kg	11/15/99	RK	6010
		Lead, Total	42.	mg/Kg	11/15/99	RK	6010
AU-1245-010-0	24778-05	Digestion			11/15/99	GS	3051
		Total Solids	89.4	%	11/15/99	MDM	2540G
		Copper, Total	33.	mg/Kg	11/15/99	RK	6010
		Lead, Total	31.	mg/Kg	11/15/99	RK	6010
AU-1245-012-0	24778-06	Digestion			11/15/99	GS	3051
		Total Solids	89.3	%	11/15/99	MDM	2540G
		Copper, Total	36.	mg/Kg	11/15/99	RK	6010
		Lead, Total	24.	mg/Kg	11/15/99	RK	6010
AU-1245-014-0	24778-07	Digestion			11/15/99	GS	3051
		Total Solids	85.1	%	11/15/99	MDM	2540G

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Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
AU-1245-014-0		Copper, Total	41.	mg/Kg	11/15/99	RK	6010
		Lead, Total	38.	mg/Kg	11/15/99	RK	6010
AU-1245-016-0	24778-08	Digestion			11/15/99	GS	3051
		Total Solids	93.1	%	11/15/99	MDM	2540G
		Copper, Total	43.	mg/Kg	11/15/99	RK	6010
		Lead, Total	53.	mg/Kg	11/15/99	RK	6010
AU-1245-018-0	24778-09	Digestion			11/15/99	GS	3051
		Total Solids	88.7	%	11/15/99	MDM	2540G
		Copper, Total	45.	mg/Kg	11/15/99	RK	6010
		Lead, Total	60.	mg/Kg	11/15/99	RK	6010
AU-1245-020-0	24778-10	Digestion			11/15/99	GS	3051
		Total Solids	80.3	%	11/15/99	MDM	2540G
		Copper, Total	43.	mg/Kg	11/15/99	RK	6010
		Lead, Total	49.	mg/Kg	11/15/99	RK	6010
AU-1245-022-0	24778-11	Digestion			11/15/99	GS	3051
		Total Solids	74.3	%	11/15/99	MDM	2540G
		Copper, Total	41.	mg/Kg	11/15/99	RK	6010
		Lead, Total	47.	mg/Kg	11/15/99	RK	6010
AU-1245-024-0	24778-12	Digestion			11/15/99	GS	3051
		Total Solids	83.9	%	11/15/99	MDM	2540G
		Copper, Total	41.	mg/Kg	11/15/99	RK	6010
		Lead, Total	41.	mg/Kg	11/15/99	RK	6010
CS-0050-S01-0	24778-13	Digestion			11/15/99	GS	3051
		Total Solids	97.9	%	11/15/99	MDM	2540G
		Copper, Total	20.	mg/Kg	11/15/99	RK	6010
		Lead, Total	18.	mg/Kg	11/15/99	RK	6010
CS-0050-S02-0	24778-14	Digestion			11/15/99	GS	3051
		Total Solids	92.4	%	11/15/99	MDM	2540G
		Copper, Total	32.	mg/Kg	11/15/99	RK	6010
		Lead, Total	36.	mg/Kg	11/15/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

The following standard abbreviations and conventions apply throughout all sections:

< = 'Less than' followed by the detection limit.

> = 'Greater than'

Client:  
 Roy F. Weston  
 5537 Rt. 96A  
 Post Gate #2  
 Seneca Army Depot  
 Romulus, NY 14541  
 Attn: Ms. Denise Roy

Client Designation:  
 Seneca Army Depot

Samples Qty/Type: 6/Solid

AMRO Designation: 24745  
 Date Sampled: 11/09/99  
 Date Rec'vd: 11/11/99  
 Date Complete: 11/11/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0800-S06-0	24745-01	Digestion			11/11/99	GS	3051
		Total Solids	85.5	%	11/11/99	GS	2540G
		Copper, Total	39.	mg/Kg	11/11/99	RK	6010
		Lead, Total	46.	mg/Kg	11/11/99	RK	6010
CS-0750-S05-0	24745-02	Digestion			11/11/99	GS	3051
		Total Solids	75.9	%	11/11/99	GS	2540G
		Copper, Total	52.	mg/Kg	11/11/99	RK	6010
		Lead, Total	68.	mg/Kg	11/11/99	RK	6010
CS-0700-S05-0	24745-03	Digestion			11/11/99	GS	3051
		Total Solids	87.8	%	11/11/99	GS	2540G
		Copper, Total	36.	mg/Kg	11/11/99	RK	6010
		Lead, Total	48.	mg/Kg	11/11/99	RK	6010
CS-0650-S06-0	24745-04	Digestion			11/11/99	GS	3051
		Total Solids	50.7	%	11/11/99	GS	2540G
		Copper, Total	48.	E mg/Kg	11/11/99	RK	6010
		Lead, Total	47.	E mg/Kg	11/11/99	RK	6010
CS-0600-S05-0	24745-05	Digestion			11/11/99	GS	3051
		Total Solids	88.5	%	11/11/99	GS	2540G
		Copper, Total	43.	mg/Kg	11/11/99	RK	6010
		Lead, Total	35.	mg/Kg	11/11/99	RK	6010

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Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0750-S06-0	24745-06	Digestion			11/11/99	GS	3051
		Total Solids	82.0	%	11/11/99	GS	2540G
		Copper, Total	21.	mg/Kg	11/11/99	RK	6010
		Lead, Total	21.	mg/Kg	11/11/99	RK	6010

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Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

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< = 'Less than' followed by the detection limit.

> = 'Greater than'

E = Estimated due to sample non-homogeneity.

AMRO Environmental Laboratory Report

Page 1 of 2

Client:  
 Roy F. Weston  
 5537 Rt. 96A  
 Post Gate #2  
 Seneca Army Depot  
 Romulus, NY 14541  
 Attn: Ms. Denise Roy

Client Designation:  
 Seneca Army Depot

Samples Qty/Type: 9/Solid

AMRO Designation: 24704  
 Date Sampled: 11/05/99  
 Date Rec'vd: 11/09/99  
 Date Complete: 11/09/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-1145-S04-0	24704-01	Digestion			11/09/99	GS	3051
		Total Solids	76.6	%	11/09/99	GS	2540G
		Copper, Total	34.	mg/Kg	11/09/99	RK	6010
		Lead, Total	J' 19.	mg/Kg	11/09/99	RK	6010
CS-1100-S04-0	24704-02	Digestion			11/09/99	GS	3051
		Total Solids	75.5	%	11/09/99	GS	2540G
		Copper, Total	28.	mg/Kg	11/09/99	RK	601
		Lead, Total	J' 21.	mg/Kg	11/09/99	RK	6010
CS-1050-S04-0	24704-03	Digestion			11/09/99	GS	3051
		Total Solids	71.4	%	11/09/99	GS	2540G
		Copper, Total	44.	mg/Kg	11/09/99	RK	6010
		Lead, Total	J' 60.	mg/Kg	11/09/99	RK	6010
CS-1000-S04-0	24704-04	Digestion			11/09/99	GS	3051
		Total Solids	80.7	%	11/09/99	GS	2540G
		Copper, Total	29.	mg/Kg	11/09/99	RK	6010
		Lead, Total	J' 18.	mg/Kg	11/09/99	RK	6010
CS-1145-S03-0	24704-05	Digestion			11/09/99	GS	3051
		Total Solids	76.9	%	11/09/99	GS	2540G
		Copper, Total	38.	mg/Kg	11/09/99	RK	6010
		Lead, Total	J' 40.	mg/Kg	11/09/99	RK	6010
CS-1100-S03-0	24704-06	Digestion			11/09/99	GS	3051
		Total Solids	75.8	%	11/09/99	GS	2540G
		Copper, Total	37.	mg/Kg	11/09/99	RK	6010
		Lead, Total	J' 30.	mg/Kg	11/09/99	RK	6010

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Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-1050-S03-0	24704-07	Digestion			11/09/99	GS	3051
		Total Solids	68.2	%	11/09/99	GS	2540G
		Copper, Total	28.	mg/Kg	11/09/99	RK	6010
		Lead, Total	> 32.	mg/Kg	11/09/99	RK	6010
CS-1050-S03-1	24704-08	Digestion			11/09/99	GS	3051
		Total Solids	68.0	%	11/09/99	GS	2540G
		Copper, Total	41.	mg/Kg	11/09/99	RK	6010
		Lead, Total	> 94.	mg/Kg	11/09/99	RK	6010
CS-1000-S03-0	24704-09	Digestion			11/09/99	GS	3051
		Total Solids	72.2	%	11/09/99	GS	2540G
		Copper, Total	37.	mg/Kg	11/09/99	RK	6010
		Lead, Total	> 41.	mg/Kg	11/09/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

The following standard abbreviations and conventions apply throughout all sections:

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> = 'Greater than'

AMRO Environmental Laboratory Report

Page 1 of 3

Client:  
 Roy F. Weston, Inc.  
 1 Wall Street  
 Manchester, NH 03101

Client Designation:  
 Seneca Army Depot

Attn: Mr. Chris Kane

Samples Qty/Type: 21/Solid

AMRO Designation: 24662  
 Date Sampled: 11/03,04/99  
 Date Rec'vd: 11/05/99  
 Date Complete: 11/08/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0850-B01-0	24662-01	Digestion			11/05/99	GS	3051
		Total Solids	90.9	%	11/05/99	GS	2540G
		Copper, Total	33.	mg/Kg	11/05/99	RK	6010
		Lead, Total	30.	mg/Kg	11/05/99	RK	6010
CS-0850-S01-0	24662-02	Digestion			11/05/99	GS	3051
		Total Solids	58.5	%	11/05/99	GS	2540G
		Copper, Total	47.	mg/Kg	11/05/99	RK	6010
		Lead, Total	59.	mg/Kg	11/05/99	RK	60
CS-0850-S02-0	24662-03	Digestion			11/05/99	GS	3051
		Total Solids	73.9	%	11/05/99	GS	2540G
		Copper, Total	40.	mg/Kg	11/05/99	RK	6010
		Lead, Total	39.	mg/Kg	11/05/99	RK	6010
CS-0800-B01-0	24662-04	Digestion			11/05/99	GS	3051
		Total Solids	66.0	%	11/05/99	GS	2540G
		Copper, Total	39.	mg/Kg	11/05/99	RK	6010
		Lead, Total	43.	mg/Kg	11/05/99	RK	6010
CS-0800-S01-0	24662-05	Digestion			11/05/99	GS	3051
		Total Solids	77.1	%	11/05/99	GS	2540G
		Copper, Total	48.	mg/Kg	11/05/99	RK	6010
		Lead, Total	49.	mg/Kg	11/05/99	RK	6010
CS-0800-S02-0	24662-06	Digestion			11/05/99	GS	3051
		Total Solids	76.5	%	11/05/99	GS	2540G
		Copper, Total	28.	mg/Kg	11/05/99	RK	6010
		Lead, Total	23.	mg/Kg	11/05/99	RK	6010

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Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0750-B01-0	24662-07	Digestion			11/05/99	GS	3051
		Total Solids	86.7	%	11/05/99	GS	2540G
		Copper, Total	24.	mg/Kg	11/05/99	RK	6010
		Lead, Total	29.	mg/Kg	11/05/99	RK	6010
CS-0750-S01-0	24662-08	Digestion			11/05/99	GS	3051
		Total Solids	77.6	%	11/05/99	GS	2540G
		Copper, Total	39.	mg/Kg	11/05/99	RK	6010
		Lead, Total	48.	mg/Kg	11/05/99	RK	6010
CS-0750-S02-0	24662-09	Digestion			11/05/99	GS	3051
		Total Solids	73.4	%	11/05/99	GS	2540G
		Copper, Total	32.	mg/Kg	11/05/99	RK	6010
		Lead, Total	42.	mg/Kg	11/05/99	RK	6010
CS-0700-B01-0	24662-10	Digestion			11/05/99	GS	3051
		Total Solids	76.2	%	11/05/99	GS	2540G
		Copper, Total	22.	mg/Kg	11/05/99	RK	6010
		Lead, Total	23.	mg/Kg	11/05/99	RK	6010
0700-S01-0	24662-11	Digestion			11/05/99	GS	3051
		Total Solids	83.5	%	11/05/99	GS	2540G
		Copper, Total	33.	mg/Kg	11/05/99	RK	6010
		Lead, Total	41.	mg/Kg	11/05/99	RK	6010
CS-0700-S02-0	24662-12	Digestion			11/05/99	GS	3051
		Total Solids	78.9	%	11/05/99	GS	2540G
		Copper, Total	44.	mg/Kg	11/05/99	RK	6010
		Lead, Total	38.	mg/Kg	11/05/99	RK	6010
CS-0650-B01-0	24662-13	Digestion			11/05/99	GS	3051
		Total Solids	63.0	%	11/05/99	GS	2540G
		Copper, Total	26.	mg/Kg	11/05/99	RK	6010
		Lead, Total	16.	mg/Kg	11/05/99	RK	6010
CS-0650-S02-0	24662-14	Digestion			11/05/99	GS	3051
		Total Solids	72.2	%	11/05/99	GS	2540G
		Copper, Total	37.	mg/Kg	11/05/99	RK	6010
		Lead, Total	33.	mg/Kg	11/05/99	RK	6010

Continued next page . . .

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0650-S01-0	24662-15	Digestion			11/05/99	GS	3051
		Total Solids	73.6	%	11/05/99	GS	2540G
		Copper, Total	43.	mg/Kg	11/05/99	RK	6010
		Lead, Total	48.	mg/Kg	11/05/99	RK	6010
CS-0600-B01-0	24662-16	Digestion			11/05/99	GS	3051
		Total Solids	81.4	%	11/05/99	GS	2540G
		Copper, Total	18.	mg/Kg	11/05/99	RK	6010
		Lead, Total	19.	mg/Kg	11/05/99	RK	6010
CS-0600-S01-0	24662-17	Digestion			11/05/99	GS	3051
		Total Solids	61.8	%	11/05/99	GS	2540G
		Copper, Total	45.	mg/Kg	11/05/99	RK	6010
		Lead, Total	58.	mg/Kg	11/05/99	RK	6010
CS-0600-S02-0	24662-18	Digestion			11/05/99	GS	3051
		Total Solids	76.4	%	11/05/99	GS	2540G
		Copper, Total	45.	mg/Kg	11/05/99	RK	6010
		Lead, Total	35.	mg/Kg	11/05/99	RK	6010
CS-0550-S01-0	24662-19	Digestion			11/05/99	GS	3051
		Total Solids	83.9	%	11/05/99	GS	2540G
		Copper, Total	31.	mg/Kg	11/05/99	RK	6010
		Lead, Total	26.	mg/Kg	11/05/99	RK	6010
CS-0550-S01-1	24662-20	Digestion			11/05/99	GS	3051
		Total Solids	80.6	%	11/05/99	GS	2540G
		Copper, Total	42.	mg/Kg	11/05/99	RK	6010
		Lead, Total	39.	mg/Kg	11/05/99	RK	6010
CS-0550-S02-0	24662-21	Digestion			11/05/99	GS	3051
		Total Solids	68.7	%	11/05/99	GS	2540G
		Copper, Total	39.	mg/Kg	11/08/99	RK	6010
		Lead, Total	47.	mg/Kg	11/08/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

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< = 'Less than' followed by the detection limit.

> = 'Greater than'

AMRO Environmental Laboratory Report

Page 1 of 2

Client:

Roy F. Weston  
 5537 Rt. 96A  
 Post Gate #2  
 Seneca Army Depot  
 Romulus, NY 14541  
 Attn: Ms. Denise Roy

Client Designation:

Seneca Army Depot

Samples Qty/Type: 13/Solid

AMRO Designation: 24777

Date Sampled: 11/11/99  
 Date Rec'vd: 11/13/99  
 Date Complete: 11/15/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0350-S04-0	24777-01	Digestion			11/13/99	GS	3051
		Total Solids	67.7	%	11/15/99	MDM	2540G
		Copper, Total	41.	mg/Kg	11/15/99	RK	6010
		Lead, Total	55.	mg/Kg	11/15/99	RK	6010
CS-0350-S03-0	24777-02	Digestion			11/13/99	GS	3051
		Total Solids	90.0	%	11/15/99	MDM	2540G
		Copper, Total	31.	mg/Kg	11/15/99	RK	6010
		Lead, Total	33.	mg/Kg	11/15/99	RK	6010
CS-0300-S03-0	24777-03	Digestion			11/13/99	GS	3051
		Total Solids	73.8	%	11/15/99	MDM	2540G
		Copper, Total	35.	mg/Kg	11/15/99	RK	6010
		Lead, Total	40.	mg/Kg	11/15/99	RK	6010
CS-0300-S04-0	24777-04	Digestion			11/13/99	GS	3051
		Total Solids	86.5	%	11/15/99	MDM	2540G
		Copper, Total	* 33.	mg/Kg	11/15/99	RK	6010
		Lead, Total	* 60.	mg/Kg	11/15/99	RK	6010
CS-0250-S03-0	24777-05	Digestion			11/13/99	GS	3051
		Total Solids	85.2	%	11/15/99	MDM	2540G
		Copper, Total	44.	mg/Kg	11/15/99	RK	6010
		Lead, Total	49.	mg/Kg	11/15/99	RK	6010
CS-0250-S04-0	24777-06	Digestion			11/13/99	GS	3051
		Total Solids	88.7	%	11/15/99	MDM	2540G
		Copper, Total	32.	mg/Kg	11/15/99	RK	6010
		Lead, Total	33.	mg/Kg	11/15/99	RK	6010

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Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0200-S01-0	24777-07	Digestion			11/13/99	GS	3051
		Total Solids	81.6	%	11/15/99	MDM	2540G
		Copper, Total	42.	mg/Kg	11/15/99	RK	6010
		Lead, Total	39.	mg/Kg	11/15/99	RK	6010
CS-0200-S01-1	24777-08	Digestion			11/13/99	GS	3051
		Total Solids	83.7	%	11/15/99	MDM	2540G
		Copper, Total	37.	mg/Kg	11/15/99	RK	6010
		Lead, Total	49.	mg/Kg	11/15/99	RK	6010
CS-0150-S01-0	24777-09	Digestion			11/13/99	GS	3051
		Total Solids	78.1	%	11/15/99	MDM	2540G
		Copper, Total	86.	mg/Kg	11/15/99	RK	6010
		Lead, Total	69.	mg/Kg	11/15/99	RK	6010
CS-0200-S02-0	24777-10	Digestion			11/13/99	GS	3051
		Total Solids	89.6	%	11/15/99	MDM	2540G
		Copper, Total	28.	mg/Kg	11/15/99	RK	6010
		Lead, Total	26.	mg/Kg	11/15/99	RK	6010
CS-0150-S02-0	24777-11	Digestion			11/13/99	GS	3051
		Total Solids	77.1	%	11/15/99	MDM	2540G
		Copper, Total	53.	mg/Kg	11/15/99	RK	6010
		Lead, Total	59.	mg/Kg	11/15/99	RK	6010
CS-0100-S01-0	24777-12	Digestion			11/13/99	GS	3051
		Total Solids	76.5	%	11/15/99	MDM	2540G
		Copper, Total	35.	mg/Kg	11/15/99	RK	6010
		Lead, Total	22.	mg/Kg	11/15/99	RK	6010
CS-0100-S02-0	24777-13	Digestion			11/13/99	GS	3051
		Total Solids	81.7	%	11/15/99	MDM	2540G
		Copper, Total	33.	mg/Kg	11/15/99	RK	6010
		Lead, Total	27.	mg/Kg	11/15/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

The following standard abbreviations and conventions apply throughout all sections:

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> = 'Greater than'

\* = Results estimated due to sample non-homogeneity based on the Total Solids RPD of 25.7%.

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0450-S06-0	24759-07	Digestion			11/12/99	GS	3051
		Total Solids	74.3	%	11/12/99	GS	2540G
		Copper, Total	42.	mg/Kg	11/12/99	RK	6010
		Lead, Total	24.	mg/Kg	11/12/99	RK	6010
CS-400-S05-0	24759-08	Digestion			11/12/99	GS	3051
		Total Solids	86.0	%	11/12/99	GS	2540G
		Copper, Total	41.	mg/Kg	11/12/99	RK	6010
		Lead, Total	56.	mg/Kg	11/12/99	RK	6010
CS-400-S06-0	24759-09	Digestion			11/12/99	GS	3051
		Total Solids	78.1	%	11/12/99	GS	2540G
		Copper, Total	42.	mg/Kg	11/12/99	RK	6010
		Lead, Total	59.	mg/Kg	11/12/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

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## AMRO Environmental Laboratory Report

Page 1 of 2

## Client:

Roy F. Weston  
5537 Rt. 96A  
Post Gate #2  
Seneca Army Depot  
Romulus, NY 14541  
Attn: Ms. Denise Roy

## Client Designation:

Seneca Army Depot

Samples Qty/Type: 9/Solid

AMRO Designation: 24759

Date Sampled: 11/10/99

Date Rec'vd: 11/12/99

Date Complete: 11/12/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0600-S06-0	24759-01	Digestion			11/12/99	GS	3051
		Total Solids	77.9	%	11/12/99	GS	2540G
		Copper, Total	58.	mg/Kg	11/12/99	RK	6010
		Lead, Total	41.	mg/Kg	11/12/99	RK	6010
CS-0550-S06-0	24759-02	Digestion			11/12/99	GS	3051
		Total Solids	77.7	%	11/12/99	GS	2540G
		Copper, Total	26.	mg/Kg	11/12/99	RK	6010
		Lead, Total	17.	mg/Kg	11/12/99	RK	6010
CS-0550-S05-0	24759-03	Digestion			11/12/99	GS	3051
		Total Solids	85.6	%	11/12/99	GS	2540G
		Copper, Total	29.	mg/Kg	11/12/99	RK	6010
		Lead, Total	30.	mg/Kg	11/12/99	RK	6010
CS-0500-S05-0	24759-04	Digestion			11/12/99	GS	3051
		Total Solids	71.2	%	11/12/99	GS	2540G
		Copper, Total	34.	mg/Kg	11/12/99	RK	6010
		Lead, Total	32.	mg/Kg	11/12/99	RK	6010
CS-0500-S06-0	24759-05	Digestion			11/12/99	GS	3051
		Total Solids	74.9	%	11/12/99	GS	2540G
		Copper, Total	23.	mg/Kg	11/12/99	RK	6010
		Lead, Total	18.	mg/Kg	11/12/99	RK	6010
CS-0450-S05-0	24759-06	Digestion			11/12/99	GS	3051
		Total Solids	73.1	%	11/12/99	GS	2540G
		Copper, Total	25.	mg/Kg	11/12/99	RK	6010
		Lead, Total	53.	mg/Kg	11/12/99	RK	6010

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Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0300-S02-0	24690-15	Digestion			11/08/99	GS	3051
		Total Solids	88.9	%	11/08/99	RK	2540G
		Copper, Total	32.	mg/Kg	11/08/99	RK	6010
		Lead, Total	38.	mg/Kg	11/08/99	RK	6010
CS-0250-B01-0	24690-16	Digestion			11/08/99	GS	3051
		Total Solids	79.7	%	11/08/99	RK	2540G
		Copper, Total	33.	mg/Kg	11/08/99	RK	6010
		Lead, Total	29.	mg/Kg	11/08/99	RK	6010
CS-0250-S01-0	24690-17	Digestion			11/08/99	GS	3051
		Total Solids	88.3	%	11/08/99	RK	2540G
		Copper, Total	37.	mg/Kg	11/08/99	RK	6010
		Lead, Total	31.	mg/Kg	11/08/99	RK	6010
CS-0250-S01-1	24690-18	Digestion			11/08/99	GS	3051
		Total Solids	85.0	%	11/08/99	RK	2540G
		Copper, Total	36.	mg/Kg	11/08/99	RK	6010
		Lead, Total	34.	mg/Kg	11/08/99	RK	6010
CS-0250-S02-0	24690-19	Digestion			11/08/99	GS	3051
		Total Solids	83.2	%	11/08/99	RK	2540G
		Copper, Total	32.	mg/Kg	11/08/99	RK	6010
		Lead, Total	35.	mg/Kg	11/08/99	RK	6010
CS-0350-B01-0	24690-20	Digestion			11/08/99	GS	3051
		Total Solids	86.6	%	11/08/99	RK	2540G
		Copper, Total	32.	mg/Kg	11/08/99	RK	6010
		Lead, Total	38.	mg/Kg	11/08/99	RK	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

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> = 'Greater than'

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0450-S02-0	24690-07	Digestion			11/08/99	GS	3051
		Total Solids	69.4	%	11/08/99	RK	2540G
		Copper, Total	35.	mg/Kg	11/08/99	RK	6010
		Lead, Total	26.	mg/Kg	11/08/99	RK	6010
CS-0400-B01-0	24690-08	Digestion			11/08/99	GS	3051
		Total Solids	63.1	%	11/08/99	RK	2540G
		Copper, Total	35.	mg/Kg	11/08/99	RK	6010
		Lead, Total	36.	mg/Kg	11/08/99	RK	6010
CS-0400-S01-0	24690-09	Digestion			11/08/99	GS	3051
		Total Solids	82.8	%	11/08/99	RK	2540G
		Copper, Total	43.	mg/Kg	11/08/99	RK	6010
		Lead, Total	40.	mg/Kg	11/08/99	RK	6010
CS-0400-S02-0	24690-10	Digestion			11/08/99	GS	3051
		Total Solids	71.4	%	11/08/99	RK	2540G
		Copper, Total	32.	mg/Kg	11/08/99	RK	6010
		Lead, Total	35.	mg/Kg	11/08/99	RK	6010
CS-0350-S01-0	24690-11	Digestion			11/08/99	GS	3051
		Total Solids	90.1	%	11/08/99	RK	2540G
		Copper, Total	30.	mg/Kg	11/08/99	RK	6010
		Lead, Total	28.	mg/Kg	11/08/99	RK	6010
CS-0350-S02-0	24690-12	Digestion			11/08/99	GS	3051
		Total Solids	86.8	%	11/08/99	RK	2540G
		Copper, Total	55.	mg/Kg	11/08/99	RK	6010
		Lead, Total	49.	mg/Kg	11/08/99	RK	6010
CS-0300-B01-0	24690-13	Digestion			11/08/99	GS	3051
		Total Solids	73.5	%	11/08/99	RK	2540G
		Copper, Total	30.	mg/Kg	11/08/99	RK	6010
		Lead, Total	35.	mg/Kg	11/08/99	RK	6010
CS-0300-S01-0	24690-14	Digestion			11/08/99	GS	3051
		Total Solids	86.1	%	11/08/99	RK	2540G
		Copper, Total	32.	mg/Kg	11/08/99	RK	6010
		Lead, Total	36.	mg/Kg	11/08/99	RK	6010

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## AMRO Environmental Laboratory Report

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Client:  
 Roy F. Weston  
 5537 Rt. 96A  
 Post Gate #2  
 Seneca Army Depot  
 Romulus, NY 14541  
 Attn: Ms. Denise Roy

Client Designation:  
 Seneca Army Depot

Samples Qty/Type: 20/Solid

AMRO Designation: 24690  
 Date Sampled: 11/04/99  
 Date Rec'vd: 11/06/99  
 Date Complete: 11/08/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0500-B01-0	24690-01	Digestion			11/08/99	GS	3051
		Total Solids	80.2	%	11/08/99	RK	2540G
		Copper, Total	25.	mg/Kg	11/08/99	RK	6010
		Lead, Total	28.	mg/Kg	11/08/99	RK	6010
CS-0500-0	24690-02	Digestion			11/08/99	GS	3051
		Total Solids	71.2	%	11/08/99	RK	2540G
		Copper, Total	47.	mg/Kg	11/08/99	RK	6010
		Lead, Total	53.	mg/Kg	11/08/99	RK	6010
CS-0500-S02-0	24690-04	Digestion			11/08/99	GS	3051
		Total Solids	47.7	%	11/08/99	RK	2540G
		Copper, Total	47.	mg/Kg	11/08/99	RK	6010
		Lead, Total	53.	mg/Kg	11/08/99	RK	6010
CS-0450-B01-0	24690-05	Digestion			11/08/99	GS	3051
		Total Solids	84.5	%	11/08/99	RK	2540G
		Copper, Total	26.	mg/Kg	11/08/99	RK	6010
		Lead, Total	39.	mg/Kg	11/08/99	RK	6010
CS-0450-S01-0	24690-06	Digestion			11/08/99	GS	3051
		Total Solids	90.7	%	11/08/99	RK	2540G
		Copper, Total	20.	mg/Kg	11/08/99	RK	6010
		Lead, Total	21.	mg/Kg	11/08/99	RK	6010

Continued next page . . .

**AMRO Environmental Laboratory Report****Client:**

Roy F. Weston  
 5537 Rt. 96A  
 Post Gate #2  
 Seneca Army Depot  
 Romulus, NY 14541  
 Attn: Ms. Denise Roy

**Client Designation:**

Seneca Army Depot

Samples Qty/Type: 2/Solid

AMRO Designation: 24836

Date Sampled: 11/18/99

Date Rec'vd: 11/19/99

Date Complete: 11/19/99

Sample Identity	AMRO Identity	Test Parameter	Results	Units	Date of Analysis	Run by	EPA Method
CS-0000-S01-0	24836-01	Digestion			11/19/99	GS	3051
		Total Solids	71.8	%	11/19/99	RK	2540G
		Copper, Total	51.	mg/Kg	11/19/99	REB	6010
		Lead, Total	61.	mg/Kg	11/19/99	REB	6010
CS-0000-S02-0	24836-02	Digestion			11/19/99	GS	3051
		Total Solids	77.2	%	11/19/99	RK	25
		Copper, Total	29.	mg/Kg	11/19/99	REB	6010
		Lead, Total	35.	mg/Kg	11/19/99	REB	6010

Results are in dry weight.

All analyses performed in accordance with:

USEPA Methods of Chemical Analysis for Water & Waste.

Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. and USEPA SW846 Manual, 3rd. ed.

The following standard abbreviations and conventions apply throughout all sections:

< = 'Less than' followed by the detection limit.

> = 'Greater than'

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1100-S02-0				
<b>Lab Order:</b>	9910105	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/12/99 4:58:00 PM				
<b>Lab ID:</b>	9910105-07A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	36.50

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	45.3		1.79	mg/Kg-dry	1	10/14/99 8:47:02 PM	OPTIMA_991014B	SHT
Lead	63.5		0.447	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/14/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 1000

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1100-S01-0				
<b>Lab Order:</b>	9910105	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/12/99 4:53:00 PM				
<b>Lab ID:</b>	9910105-06A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	41.10

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	84.0		2.29	mg/Kg-dry	1	10/14/99 8:44:10 PM	OPTIMA_991014B	SHT
Lead	89.8		0.574	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/14/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Catskill, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1100-B01-0
<b>Lab Order:</b>	9910105	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/12/99 4:48:00 PM
<b>Lab ID:</b>	9910105-05A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	40.10

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	37.2		3.34	mg/Kg-dry	1	10/14/99 8:25:47 PM	OPTIMA_991014B	SHT
Lead	39.3		0.835	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/14/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 12486

Phone: (716) 685-1300

CLIENT: Roy F. Weston, Inc.

Client Sample ID: CS-1145-S02-0

Lab Order: 9910105

Alt. Client ID:

Project: Seneca Army Depot Activity

Collection Date: 10/12/99 4:43:00 PM

Lab ID: 9910105-04A Sample Type: SAMP

Matrix: SOIL

% Moist: 40.80

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS BY METHOD 6010B

#### 1\_6010B\_PE\_S

Copper	64.7		2.10	mg/Kg-dry	1	10/14/99 8:22:52 PM	OPTIMA_991014B	SHT
Lead	70.4		0.525	mg/Kg-dry	1			

#### Definitions:

ND - Not Detected at the Reporting Limit

\* - Recovery outside limits

M - Matrix Spike recovery outside limits

J - Analyte detected below Reporting limits

R - RPD outside recovery limits

Q - Qualifier

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

Limit - Reporting Limit

H - Value exceeds Maximum Contaminant Level

Sur - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 10/14/99 6:00:00 PM



# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1145-S01-0				
<b>Lab Order:</b>	9910105	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/12/99 4:38:00 PM				
<b>Lab ID:</b>	9910105-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	42.10

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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## ICP METALS ANALYSIS BY METHOD 6010B

### 1\_6010B\_PE\_S

Copper	56.9		2.42	mg/Kg-dry	1	10/14/99 8:19:55 PM	OPTIMA_991014B	SHT
Lead	51.4		0.604	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/14/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 682-3030

**CLIENT:** Roy F. Weston, Inc. **Client Sample ID:** CS-1145-B01-1  
**Lab Order:** 9910105 **Alt. Client ID:**  
**Project:** Seneca Army Depot Activity **Collection Date:** 10/12/99 4:30:00 PM  
**Lab ID:** 9910105-02A **Sample Type:** SAMP **Matrix:** SOIL **% Moist:** 52.60

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS BY METHOD 6010B

#### 1\_6010B\_PE\_S

Copper	62.3		3.52	mg/Kg-dry	1	10/14/99 8:16:59 PM	OPTIMA_991014B	SHT
Lead	114		0.879	mg/Kg-dry	1			

**Definitions:**

ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 10/14/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

13 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1145-B01-0
<b>Lab Order:</b>	9910105	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/12/99 4:30:00 PM
<b>Lab ID:</b>	9910105-01A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	45.10

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	82.2		2.74	mg/Kg-dry	1	10/14/99 8:14:04 PM	OPTIMA_991014B	SHT
Lead	130		0.685	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/14/99 6:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685 0

CLIENT: Roy F. Weston, Inc. Client Sample ID: CS-0900-B01-0  
Lab Order: 9910128 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 10/13/99 3:38:00 PM  
Lab ID: 9910128-20A Sample Type: SAMP Matrix: SOIL % Moist: 10.20

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
ICP METALS ANALYSIS BY METHOD 6010B								
1_6010B_PE_S								
Copper	31.6		2.23	mg/Kg-dry	1	10/21/99 12:20:29 AM	OPTIMA_991020D	SHT
Lead	28.2		0.557	mg/Kg-dry	1			

**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M -Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4400 Walden Avenue

L. Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-0950-S01-0
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 3:36:00 PM
<b>Lab ID:</b>	9910128-19A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	16.50

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	37.2		1.23	mg/Kg-dry	1	10/21/99 12:17:24 AM	OPTIMA_991020D	SHT
Lead	40.7		0.309	mg/Kg-dry	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486  
Phone: (716) 685- )

CLIENT: Roy F. Weston, Inc. Client Sample ID: CS-1000-S02-0  
Lab Order: 9910128 Alt. Client ID:  
Project: Seneca Army Depot Activity Collection Date: 10/13/99 3:33:00 PM  
Lab ID: 9910128-18A Sample Type: SAMP Matrix: SOIL % Moist: 31.60

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	25.1		1.47	mg/Kg-dry	1	10/21/99 12:14:18 AM	OPTIMA_991020D	SHT
Lead	18.9		0.367	mg/Kg-dry	1			

**Definitions:** ND - Not Detected at the Reporting Limit \* - Recovery outside limits M -Matrix Spike recovery outside limits  
J - Analyte detected below Reporting limits R - RPD outside recovery limits Q - Qualifier  
B - Analyte detected in the associated Method Blank E - Value above quantitation range Limit - Reporting Limit  
H - Value exceeds Maximum Contaminant Level Surr - Denotes Surrogate Compound

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue

Walden, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1000-S01-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 3:30:00 PM				
<b>Lab ID:</b>	9910128-17A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	37.80

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	43.3		1.90	mg/Kg-dry	1	10/21/99 12:04:40 AM	OPTIMA_991020D	SHT
Lead	40.2		0.476	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- )

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-0950-B01-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 3:28:00 PM				
<b>Lab ID:</b>	9910128-16A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	35.90

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	1330		1.76	mg/Kg-dry	1	10/21/99 12:01:34 AM	OPTIMA_991020D	SHT
Lead	36.8		0.441	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM



# Ecology and Environment, Inc.

## Analytical Services Center

4403 Walden Avenue

L. I. Aster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1000-B01-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 3:20:00 PM				
<b>Lab ID:</b>	9910128-14A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	46.20

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	68.3		2.12	mg/Kg-dry	1	10/20/99 11:55:25 PM	OPTIMA_991020D	SHT
Lead	91.3		0.531	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-1111

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<b>CLIENT:</b> Roy F. Weston, Inc.	<b>Client Sample ID:</b> CS-1000-B01-1
<b>Lab Order:</b> 9910128	<b>Alt. Client ID:</b>
<b>Project:</b> Seneca Army Depot Activity	<b>Collection Date:</b> 10/13/99 3:20:00 PM
<b>Lab ID:</b> 9910128-15A <b>Sample Type:</b> SAMP	<b>Matrix:</b> SOIL <b>% Moist:</b> 46.00

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	87.7		2.76	mg/Kg-dry	1	10/20/99 11:58:29 PM	OPTIMA_991020D	SHT
Lead	92.7		0.691	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

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LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4433 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1050-S02-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 11:47:00 AM				
<b>Lab ID:</b>	9910128-03A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	41.20

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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### ICP METALS ANALYSIS BY METHOD 6010B

#### 1\_6010B\_PE\_S

Copper	38.1		2.11	mg/Kg-dry	1	10/20/99 11:52:21 PM	OPTIMA_991020D	SHT
Lead	29.6		0.528	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4493 Walden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685- J

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<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1050-S01-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 11:43:00 AM				
<b>Lab ID:</b>	9910128-02A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	38.10

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
---------	--------	---	-------	-------	----	---------------	--------------	---------

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### ICP METALS ANALYSIS BY METHOD 6010B

#### 1\_6010B\_PE\_S

Copper	68.4		1.96	mg/Kg-dry	1	10/20/99 11:49:19 PM	OPTIMA_991020D	SHT
Lead	113		0.49	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4<sup>th</sup> Valden Avenue  
Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

---

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1050-B01-0				
<b>Lab Order:</b>	9910128	<b>Alt. Client ID:</b>					
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/13/99 11:35:00 AM				
<b>Lab ID:</b>	9910128-01A	<b>Sample Type:</b>	SAMP	<b>Matrix:</b>	SOIL	<b>% Moist:</b>	36.30

---

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
<b>ICP METALS ANALYSIS BY METHOD 6010B</b>								
<b>1_6010B_PE_S</b>								
Copper	76.8		2.04	mg/Kg-dry	1	10/20/99 11:46:16 PM	OPTIMA_991020D	SHT
Lead	165		0.51	mg/Kg-dry	1			

---

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

---

LIMS Version #: 3.1.1.0Dev - 10/20/99 12:00:00 PM

# Ecology and Environment, Inc.

Analytical Services Center

4493 Walden Avenue

Lancaster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8

<b>CLIENT:</b>	Roy F. Weston, Inc.	<b>Client Sample ID:</b>	CS-1300-B01-0
<b>Lab Order:</b>	9910230	<b>Alt. Client ID:</b>	
<b>Project:</b>	Seneca Army Depot Activity	<b>Collection Date:</b>	10/27/99 12:00:00 PM
<b>Lab ID:</b>	9910230-15A	<b>Sample Type:</b>	SAMP
		<b>Matrix:</b>	SOIL
		<b>% Moist:</b>	33.80

Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
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**ICP METALS ANALYSIS BY METHOD 6010B**

**1\_6010B\_PE\_S**

Copper	51.8	J <sup>H</sup>	2.01	mg/Kg-dry	1	11/1/99 10:37:41 PM	OPTIMA_991101A	GEM
Lead	43.8		0.504	mg/Kg-dry	1			

<b>Definitions:</b>	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M -Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM

# Ecology and Environment, Inc.

## Analytical Services Center

4400 Walden Avenue

L. Laster, New York 14086

# Laboratory Results

NYS ELAP ID#: 10486

Phone: (716) 685-8080

CLIENT:	Roy F. Weston, Inc.	Client Sample ID:	CS-1350-B01-0				
Lab Order:	9910230	Alt. Client ID:					
Project:	Seneca Army Depot Activity	Collection Date:	10/27/99 12:05:00 PM				
Lab ID:	9910230-16A	Sample Type:	SAMP	Matrix:	SOIL	% Moist:	36.20

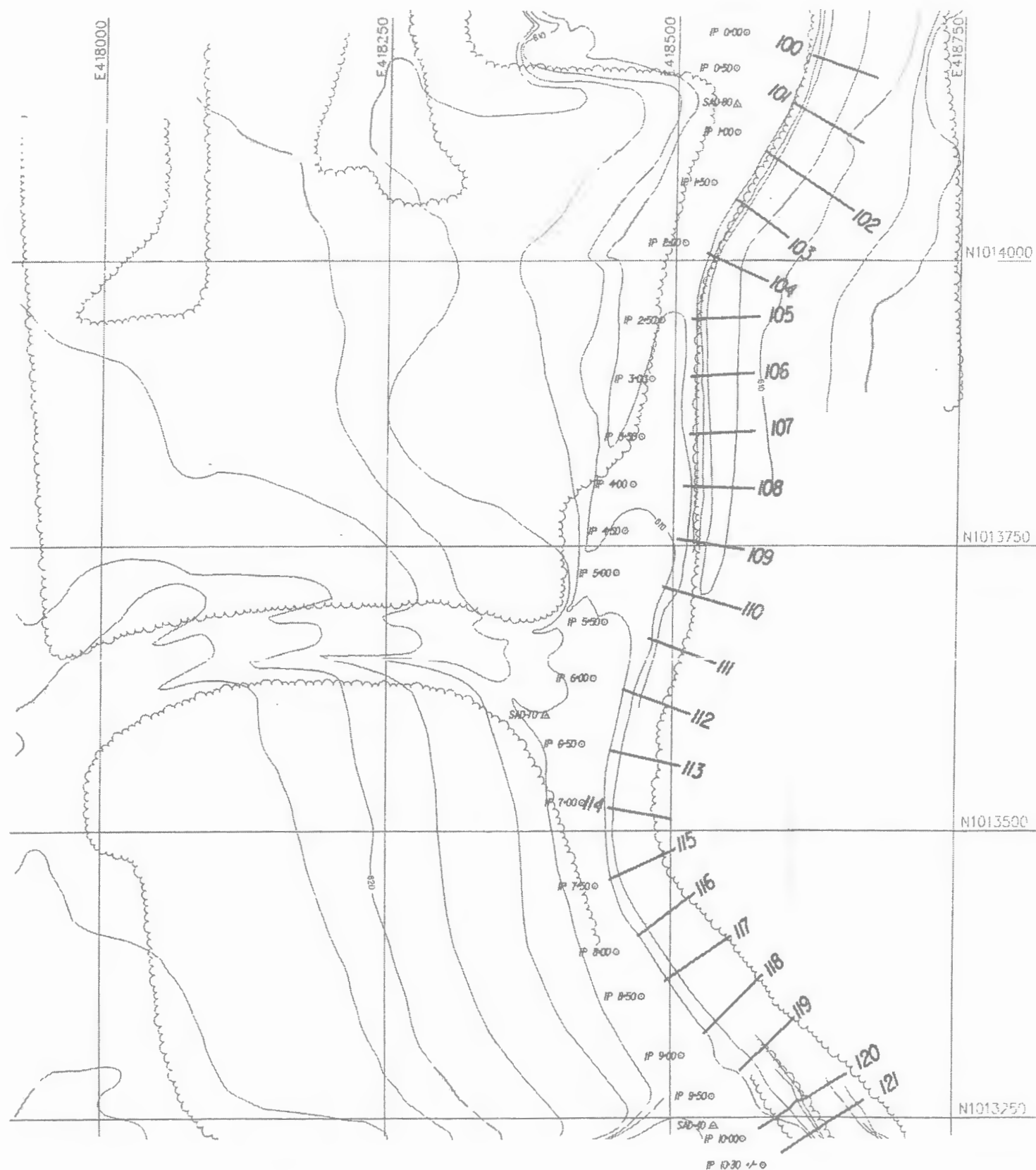
Analyte	Result	Q	Limit	Units	DF	Date Analyzed	Run Batch ID	Analyst
ICP METALS ANALYSIS BY METHOD 6010B								
1_6010B_PE_S								
Copper	42.3 <sup>J</sup>		3.13	mg/Kg-dry	1	11/1/99 10:41:26 PM	OPTIMA_991101A	GEM
Lead	54.7		0.784	mg/Kg-dry	1			

Definitions:	ND - Not Detected at the Reporting Limit	* - Recovery outside limits	M - Matrix Spike recovery outside limits
	J - Analyte detected below Reporting limits	R - RPD outside recovery limits	Q - Qualifier
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range	Limit - Reporting Limit
	H - Value exceeds Maximum Contaminant Level	Surr - Denotes Surrogate Compound	

LIMS Version #: 3.1.1.0Dev - 11/2/99 6:00:00 PM







**LEGEND**

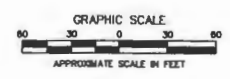
- CONFIRMATION LOCATION (NORTH OR SOUTH)
- SAMPLE NUMBER / STATION NUMBER
- SAMPLE LOCATION - EAST SIDEWALL
- BOTTOM
- WEST SIDEWALL
- SAMPLE RESULTS - COPPER, LEAD

XX-XXX-XXX (X,X)  
 XXX (X,X)  
 XXX (X,X)

N/A - SHALE (NO SAMPLE)  
 RESULTS IN mg/kg

**NOTE**  
 ALL SECTIONS EXCAVATED TO BEDROCK/SHALE AND/OR TO NATIVE SOILS

**SOURCE**  
 PLAN DERIVED FROM "SENECA ARMY DEPOT ACTIVITY, SECTION C - REMEDIAL DESIGN, OPEN BURNING GROUNDS, FIGURE 13, SEAD 23 - REMOTE AREA 3 LIMITS OF SEDIMENT REMOVAL" SCALE: 1"=100', DATED: AUGUST 3, 1998, REV. A, BY PARSONS ENGINEERING SCIENCE, INC.



NO.	DATE	APPR.	REVISION

SENECA ARMY DEPOT ACTIVITY  
 ROMULUS, NEW YORK

MANCHESTER NEW HAMPSHIRE

CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENG.			
PROJ. ENG.			
PROJ. MGR.			
APPROVED			
APPROVED		ISSUED FOR	DATE

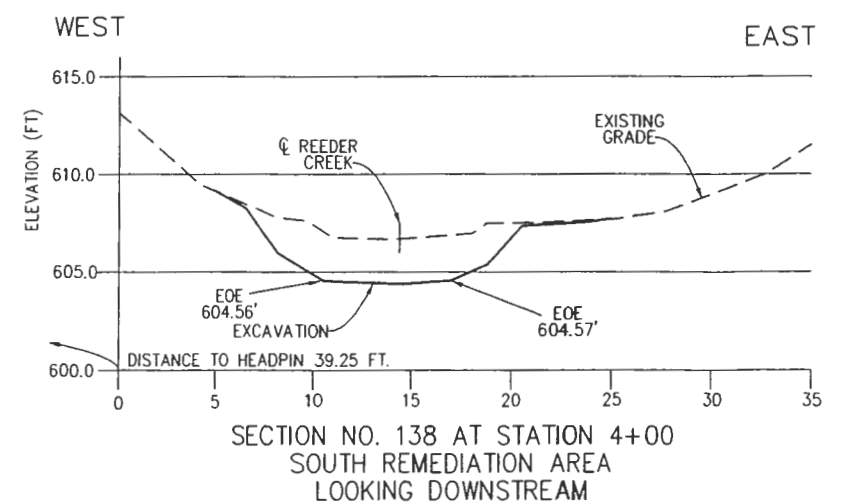
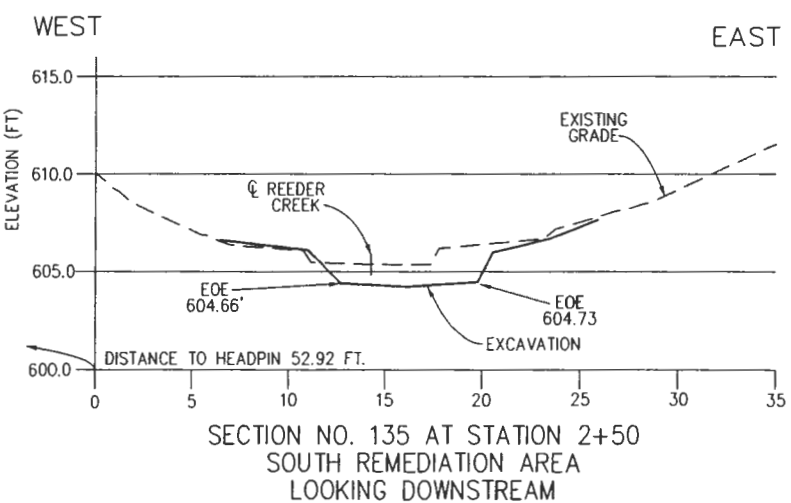
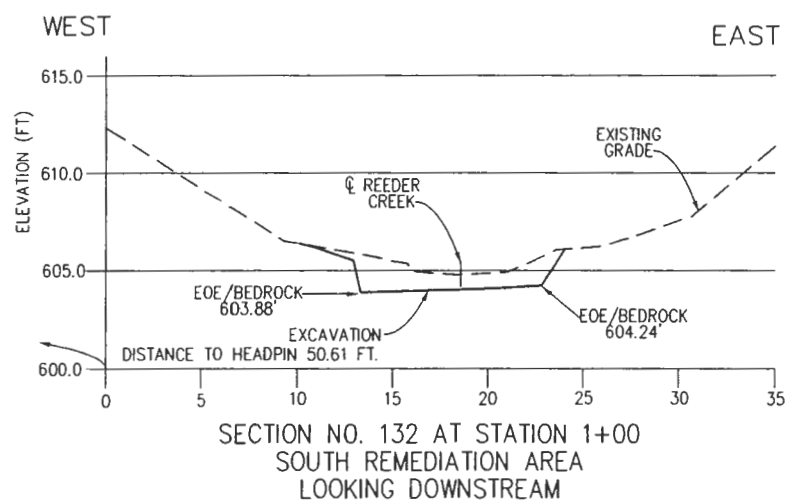
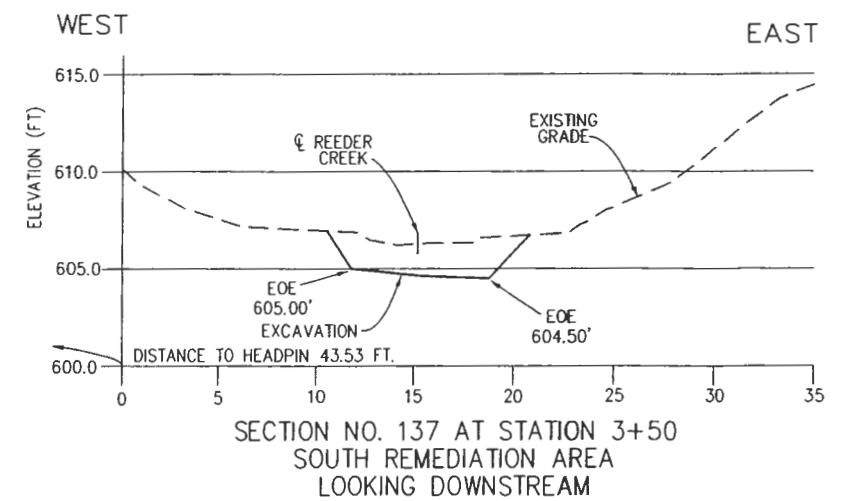
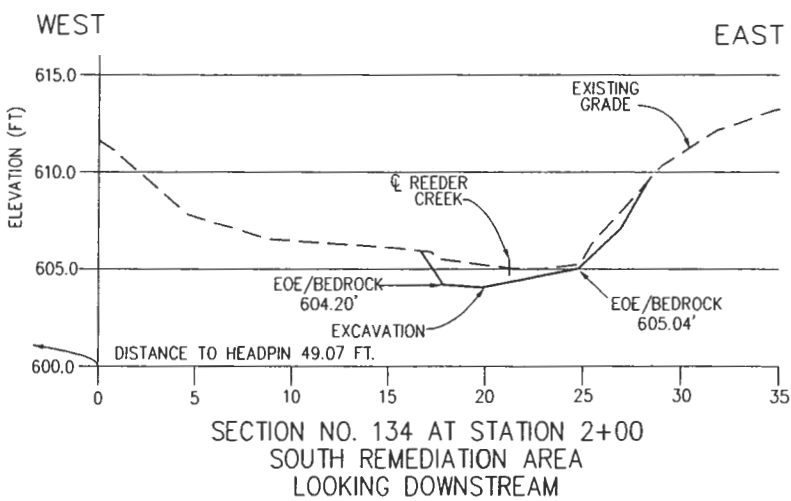
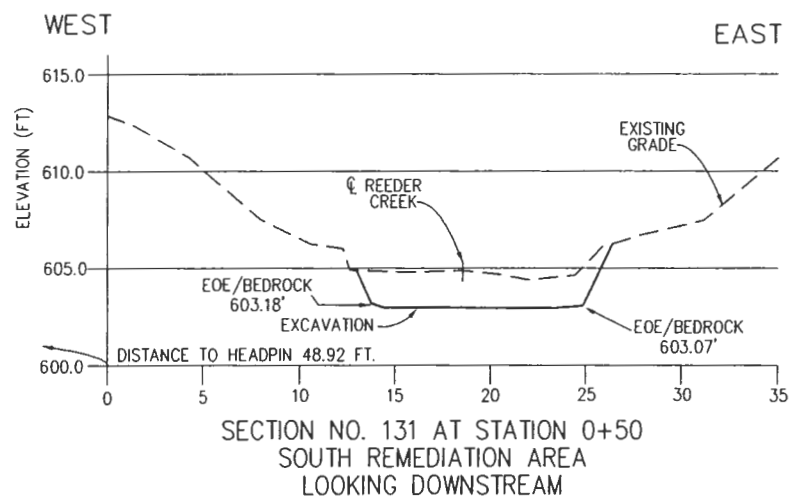
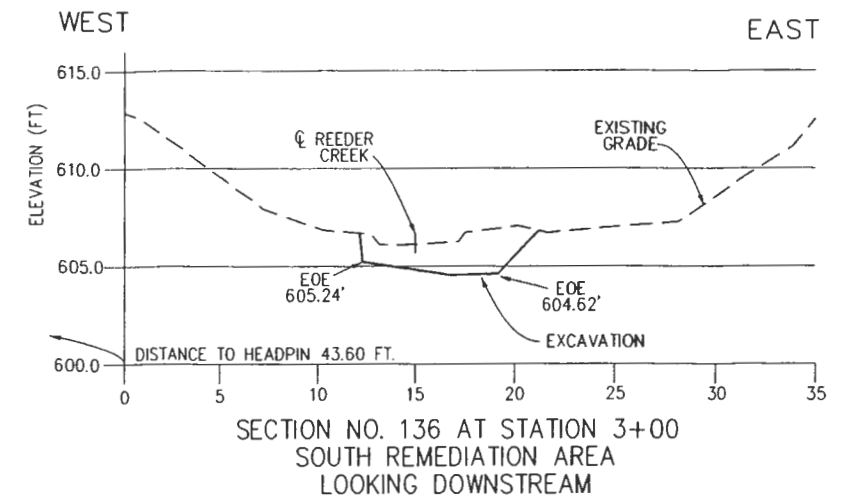
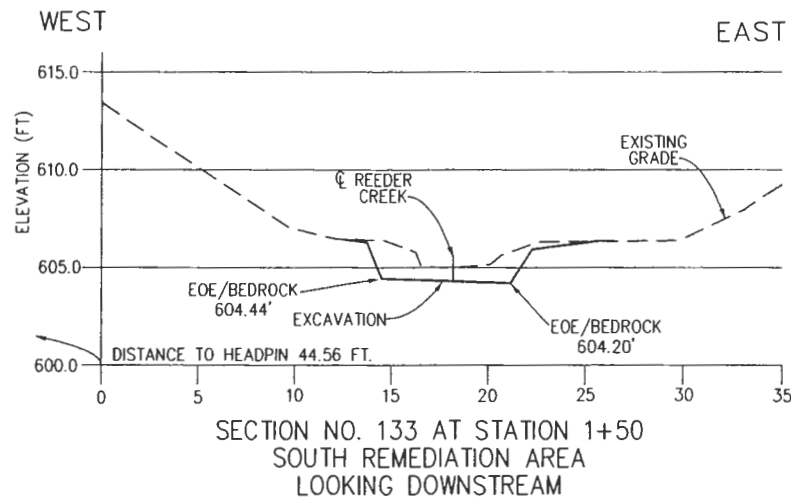
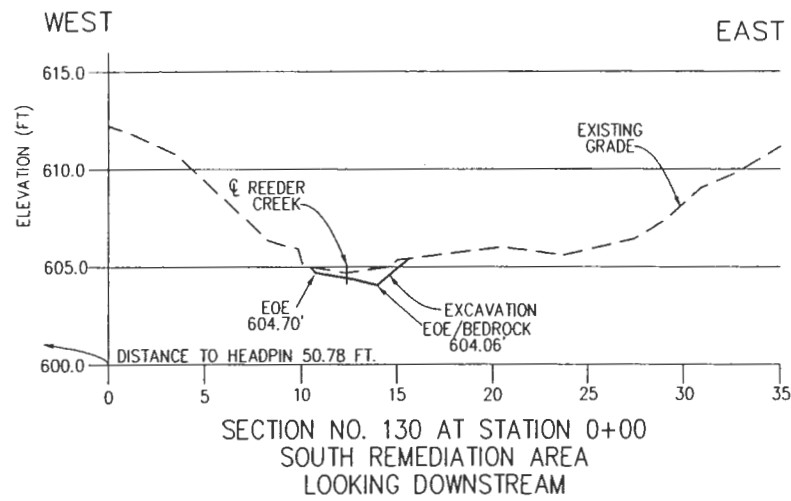
DEPARTMENT OF THE ARMY  
 NEW ENGLAND DISTRICT  
 CORPS OF ENGINEERS  
 CONCORD, MASSACHUSETTS

**REEDER CREEK - NORTH CONFIRMATORY SAMPLING MAP**

DRAWN	A.J.M.	DATE	AUGUST 2006	DWG. NO.	5-2	REV. NO.	
SCALE	AS SHOWN	W.G. NO.	03886.118.013	SHEET		OF	

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NOTE: EOE = EDGE OF EXCAVATION

GRAPHIC SCALE  
APPROXIMATE SCALE IN FEET

M:\Design\DWG\ACOE\SENECA\CROSS SECTIONS\PRE-POST SOUTH REEDER CROSS SECTIONS.dwg. Layout1, 8/30/2006 3:26:35 PM. CHASET. 1:2

NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

SENECA ARMY DEPOT ACTIVITY ROMULUS, NEW YORK		CHECKED	DATE	CLIENT APPROVALS	DATE
		DES. ENG.			
		PROJ. ENG.			
		PROJ. MGR.			
		APPROVED			
		APPROVED			
DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT CORPS OF ENGINEERS CONCORD, MASSACHUSETTS		ISSUED FOR		DATE	
		SCALE	AS SHOWN	DATE	AUGUST 2006
DRAWN A.J.M.		DATE AUGUST 2006		DWT. NO. 5-3	REV. NO. OF
R.D. NO. 03886.118.013		SECTION NO. 130 - 138			

lead and copper. Additional excavations were performed for areas that contained concentrations of total lead greater than 31 mg/kg and/or total copper greater than 16 mg/kg. At locations where shale and/or bedrock were encountered, sample data was not generated.

Following excavation of the south creek section, the concentration of total lead and copper in the sediments continued to exceed the cleanup goals. Confirmation sample results indicated total lead levels ranging from 17 to 83 mg/kg and copper levels ranging from 20 to 86 mg/kg. Therefore, background samples were collected to verify levels of lead and copper in upstream sections of the creek. To investigate the concentrations, a total of four samples were collected up to 200 ft upstream of the south creek excavation section (Stations 12+00, 12+50, 13+00, and 13+50). In addition, a total of 12 samples were collected from the center of the creek (Station 11+45) to a distance 24 ft east. Based on the data received from background sampling, total lead levels ranged between 24 and 60 mg/kg (verses cleanup goal of 31 mg/kg), and copper levels ranged between 30 and 45 mg/kg (verses cleanup goal of 16 mg/kg). This data was presented to NYSDEC on 19 June 2000, to demonstrate that the confirmatory sample results for total lead and copper in the excavation area were similar to or less than the concentrations found in native soils in the underlying banks. Since all sediment was removed to shale at the bottom of the creek and to shale, bedrock or to native soils along the sidewalls, NYSDEC approved the sediment removal of the south transect in accordance with the Record of Decision (ROD) objectives via a letter dated 26 September 2000.

The north creek section was excavated to shale or to bedrock and sidewalls were excavated to shale, bedrock, or to native soils. No additional samples were collected along the bottom or sidewalls once shale, bedrock or native soil was reached. No further action is recommended in the north section consistent with the south section data.

**New York State Department of Environmental Conservation**  
**Division of Environmental Remediation**  
**Bureau of Eastern Remedial Action, Room 242**  
50 Wolf Road, Albany, New York 12233-7010  
Phone: (518) 457-4349 • FAX: (518) 457-4198  
Website: www.dec.state.ny.us



September 26, 2000

Mr Stephen Absolom  
Chief, Engineering and Environmental Division  
Seneca Army Depot Activity (SEDA)  
5786 State Route 96  
Romulus, NY 14541-5001

*Fax to*  
*Tom B.*  
*RANDY B*  
*KEVIN*  
*Mary F*  
*Sung*

Dear Mr. Absolom,

RE: Reeder Creek Status Summary, 19 June, 2000. Seneca Army Depot. Site ID No. 850006

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the document and has the following comments:

The summary states that "[p]ost excavation sediment confirmatory sampling was added but that in lieu of this amendment, the Technical Specification objectives for sediment removal would have been achieved without the addition of confirmatory sampling". Review of the data presented in the summary repudiates this argument in that concentrations at the one foot depth were well above the requirements of the ROD. Since "it appeared to WESTON and the USACE that sediment sampling was necessary in order to confirm post excavation sediment concentrations" the NYSDEC would like to concur with WESTON and the USACE and agrees that addition of post excavation sediment confirmatory sampling was appropriate.

Section 8.4, Site Specific Cleanup Goals discusses remediation of Reeder Creek. The third bullet states "[r]emediate sediment in Reeder Creek until the remaining sediment is below 31 mg/kg for lead and 16 mg/kg for copper, which is protective of the aquatic community of Reeder Creek". The summary submitted by the Army discusses the remedial action performed at Remote Area 2 and states that all sediment along the bottom of Reeder Creek was removed to underlying shale layer(s). Also, all of the sediment along the sidewalls was removed to either shale or native soils. The NYSDEC would like to inform the Army that the two statements, and the data presented, imply that there is no remaining sediment in this portion of Reeder Creek and that therefore, the requirements of this aspect of the ROD have been met.

The ROD does, however, discuss control of surface water runoff, as necessary, to prevent erosion of the vegetative cover and solids loading to the creek. As the banks are now exposed, the question remains as to how the Army proposes to prevent the erosion and loading of solids (surface and subsurface "native soils") to Reeder Creek? Be advised that this portion of the ROD has not been met.

OPTIONAL FORM 99 (7-90)

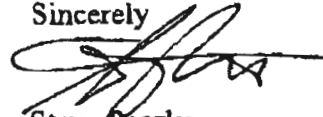
**FAX TRANSMITTAL**

# of pages *2*

To <i>Sen Dist</i>	From <i>S Absolom</i>
Dept./Agency	Phone #
Fax #	Fax #

If you have any questions please contact me by telephone at (518) 457-3976 or by e-mail at [spaszko@gw.dec.state.ny.us](mailto:spaszko@gw.dec.state.ny.us).

Sincerely



Steve Paszko  
Bureau of Eastern Remedial Action  
Division of Environmental  
Remediation

c: J. Vazquez  
D. Geraghty  
J. Quinn  
M. Peachey  
R. Scott  
R. Koeppicus  
K. Healy

## 10. CONCLUSION

This report documents completion of the soil and sediment remediation at the OB Grounds in accordance with WESTON's *Revised Draft Work Plan* dated April 1999, Parsons' *Section C - Technical Specifications* dated August 1998, and the ROD document. The primary activities completed by WESTON to achieve the remediation objectives for the Site included excavation and disposal of soils with concentrations of lead greater than 500 mg/kg, removal of sediment from Reeder Creek in areas adjacent to the OB Grounds, application of 9 inches of clean soil cover to areas where lead concentrations exceed 60 mg/kg, and establishment of a vegetative cover to prevent soil erosion.

Following a review of the confirmatory soil sample results, it is concluded that the horizontal and vertical extents of lead in soil at the burn pad and berm locations has been sufficiently delineated and removed from the OB Grounds to below 60 mg/kg (21.9 mg/kg average). In addition, all adjacent surface soils (within the 1-ft cut and site perimeter) have been reduced to below 500 mg/kg (89.4 mg/kg average). Combined, the burn pad, 1-ft cut, and site perimeter total lead average is 43 mg/kg (based on 308 samples).

A total of approximately 2300 cy of sediment from Reeder Creek was removed and disposed of off-site, 33 monitoring wells were decommissioned, approximately 50,426 tons of soil were stabilized on-site prior to off-site disposal, and approximately 57,424 tons of soil was disposed of as RCRA Subtitle D Non-Hazardous soil at an approved facility.

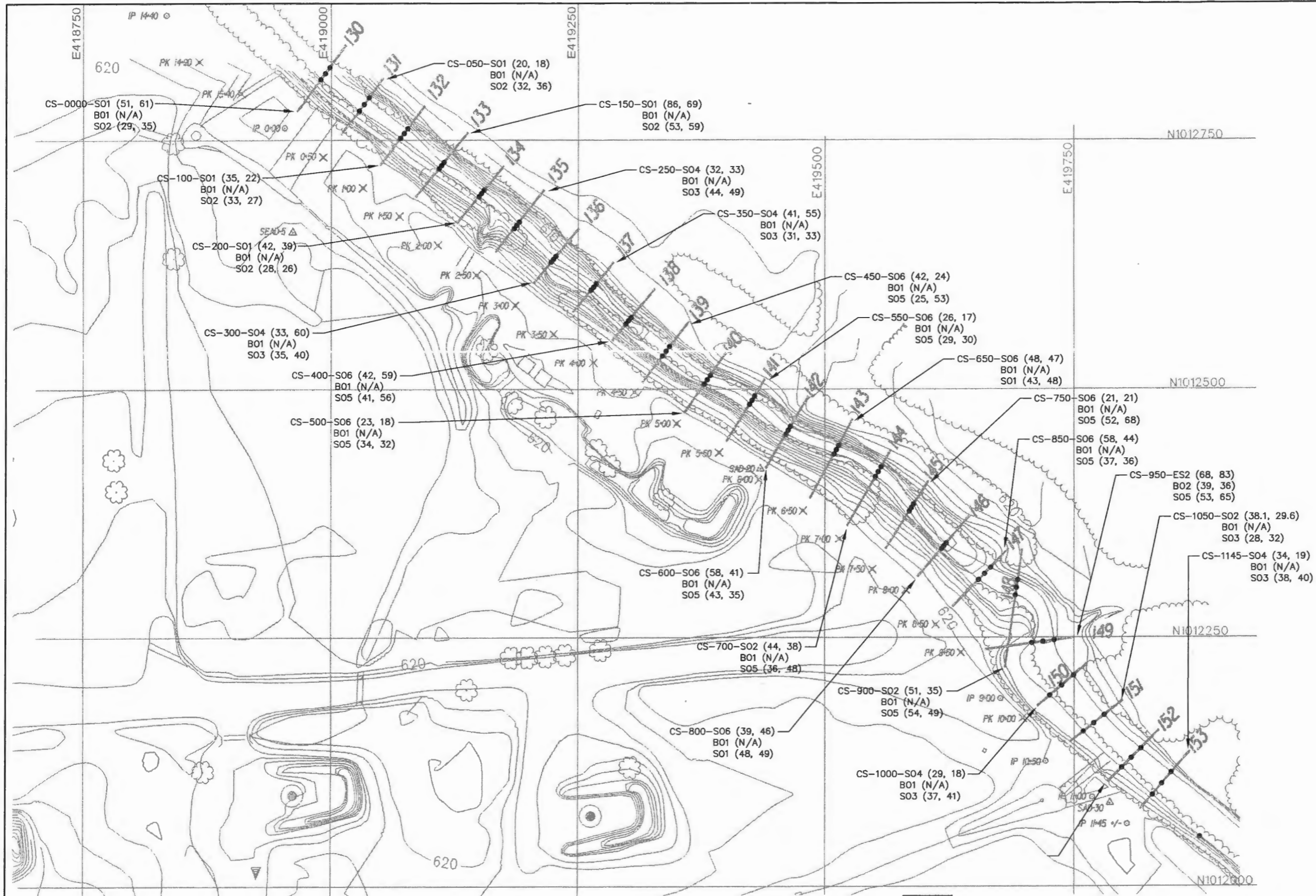
A total of 28 grids encompassing an area of approximately 7 acres were backfilled to a depth of 9 inches using excavated soils containing less than 60 mg/kg total lead, clean offsite borrow material, and topsoil. All accessible areas of the OB Grounds were fine-graded and seeded.

Based on the data for soil and sediment remediation, it is recommended that USACE, SEDA, NYSDEC, and the U.S. Environmental Protection Agency evaluate this Site for closure and/or transfer status.





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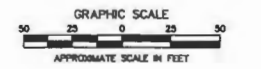
**LEGEND**

- CONFIRMATION LOCATION (NORTH OR SOUTH)
- SAMPLE NUMBER / STATION NUMBER
- SAMPLE LOCATION - EAST SIDEWALL
- SAMPLE LOCATION - BOTTOM
- SAMPLE LOCATION - WEST SIDEWALL
- SAMPLE RESULTS - COPPER, LEAD

XX-XXX-XXX (X,X)  
 XXX (X,X)  
 XXX (X,X)

N/A - SHALE (NO SAMPLE)  
 RESULTS IN mg/kg

**SOURCE**  
 PLAN DERIVED FROM "SENECA ARMY DEPOT ACTIVITY, SECTION C - REMEDIAL DESIGN, OPEN BURNING GROUNDS, FIGURE 12, SEAD 23 - REMOTE AREA 2 LIMITS OF SEDIMENT REMOVAL" SCALE: 1"=100', DATED: AUGUST 3, 1998, REV. A, BY PARSONS ENGINEERING SCIENCE, INC.



NO.	DATE	APPR.	REVISION

SENECA ARMY DEPOT ACTIVITY  
 ROMULUS, NEW YORK

MANCHESTER NEW HAMPSHIRE

CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENL.			
PRD. ENL.			
PROJ. MGR.			
APPROVED			
APPROVED		ISSUED FOR	DATE

DEPARTMENT OF THE ARMY  
 NEW ENGLAND DISTRICT  
 CORPS OF ENGINEERS  
 CONCORD, MASSACHUSETTS

**REEDER CREEK - SOUTH CONFIRMATORY SAMPLING MAP**

DRW. A.J.M.	DATE AUGUST 2006	DWG. NO. 5-1	REV. NO.
SCALE AS SHOWN	W.D. NO. 03886.118.013	SHT. OF	





Weston Solutions, Inc.  
1 Wall Street  
Manchester, New Hampshire 03101-1501  
603-656-5400 • Fax 603-656-5401  
www.westonsolutions.com

9 November 2006

United States Environmental Protection Agency  
Region 2  
290 Broadway  
New York, NY 10007-1866  
Attention: Mr. Julio Vazquez (RPM)

Re: Seneca Army Depot – Open Burning Grounds Soil and Sediment Remediation  
Response to USEPA, Region 2 Comments on the Completion Removal Report dated  
1 August 2005

Dear Mr. Vazquez:

Weston Solutions, Inc. is forwarding responses to USEPA comments dated 1 August 2005 for the June 2005 Soil and Sediment Remediation - Open Burning Grounds Completion Report on behalf of the Army. Responses follow each USEPA comment. Weston has also included supplemental information (Addendum No. 1) which includes Attachments A-G as referenced in the response section for each comment.

#### GENERAL COMMENTS

1. Analytical packages for the confirmatory samples were not provided with the report. These reports should be provided as a separate appendix, or, if necessary, as a separate volume.

Response:

A separate analytical package entitled "Attachment A" for the confirmatory samples was prepared which includes the following:

- Laboratory data
- Table 4-1 titled "Soil and Sediment Remediation-Excavation Confirmation Sample Data"
- Table 4-2 titled "Soil and Sediment Remediation-Average Confirmation Sample Results"
- Figure 4-1 titled "Pad A-Total Lead Concentrations"
- Figure 4-2 titled "Pad B-Total Lead Concentrations"
- Figure 4-3 titled "Pad C-Total Lead Concentrations"
- Figure 4-4 titled "Pad D-Total Lead Concentrations"
- Figure 4-5 titled "Pad E-Total Lead Concentrations"
- Figure 4-6 titled "Pad F-Total Lead Concentrations"
- Figure 4-7 titled "Pad G-Total Lead Concentrations"





- Figure 4-8 titled "Pad H-Total Lead Concentrations"
- Figure 4-9 titled "Pad J-Total Lead Concentrations"
- Figure 4-10 titled "Pad GB 19/34-Total Lead Concentrations"
- Figure 4-11 titled "Pad SW 220-Total Lead Concentrations"
- Figure 4-12 titled "Pad LLH-Total Lead Concentrations"

Tables 4-1 and 4-2 and Figures 4-1 through 4-12 have been revised to reflect additional sample locations and data and are included in Attachment A.

2. A photograph log was not provided in the report. Photographs are typically a part of documenting completion of this type of work. Provide photographic logs as available.

Response:

A log of photographs is provided in "Attachment B".

3. Unexploded Ordnance (UXO) is not mentioned in this Completion Report. One of the objectives for this remedy was to meet the Ordnance and Explosive (OE) requirements of the Department of Defense Explosive Safety Board (DDESB). Provide OE closeout report and certification as available.

Response:

Unexploded Ordnance (UXO) removal was not an objective or requirement of Weston under its contract with the Army Corps of Engineers as it relates to the Soil and Sediment Remediation performed at the Open Burning Grounds per the June 2005 Completion Report. The Army has performed Ordnance and Explosives (OE) removal and disposal at the Open Burning Grounds site in accordance with the Explosives Safety Submission and has submitted the Ordnance and Explosives Removal Report dated August 2003 to the Department of Defense Explosives Safety Board. The Executive Summary has been revised accordingly and is included in Attachment C.

4. According to the Record of Decision (ROD), groundwater monitoring needed to be part of the selected remedy during the removal activities. Please provide sampling data and results evaluation for this part of the remedy.

Response:

Groundwater (GW) monitoring was not performed by the Army during the Open Burning Grounds Soil and Sediment Remediation project. The existing GW monitoring wells were decommissioned as referenced in section 3.0 of the report. As a result, there is no additional GW sample data or results to provide. No revisions to the text in the Completion Report were made.



5. The report makes no mention of the monitoring program to insure the 9-inch cover is maintained after the remedy is complete, according to bullet 5, page 1-2 of the ROD.

Response:

The monitoring program was not included in the SOW for the remediation and was therefore not included in the Completion Report. However, the Army has conducted periodic inspections of the 9 inch soil cover as part of its monitoring program as required by the ROD. No revisions to the text in the Completion Report were made. The longer term monitoring plan was submitted as a separate document.

## **SPECIFIC COMMENTS**

1. **Executive Summary, page ES-1, second bullet.** The meaning of “decommissioning a soil boring should be provided.” Furthermore, based on a search of the remainder of the document, no other mention or documentation of this soil boring was included to provide further detail. Revise text accordingly.

Response:

GB-20 as referenced in the June 2005 Completion Report was confirmed through re-inspection of the decommissioning logs to be a monitoring well, therefore, additional rationale for decommissioning a soil boring is not provided.

The second bullet of the Executive Summary has been revised to reference the Decommissioning of 33 groundwater monitoring wells vs. the 32 groundwater monitoring wells and 1 soil boring as referenced in the June 2005 Report. The revised Executive Summary is included in Attachment C. Section 3, Page 3-1 has also been revised to reference the decommissioning of 33 groundwater monitoring wells (see Attachment D).

2. **Section 1, page 1-1.** The first sentence locates SEDA in “Romulus County.” Please note that there is no such County in New York. Provide correct location.

Response:

The revised Executive Summary (Attachment C) and revised Introduction (Attachment E) have been revised to reference Seneca County vs. Romulus County accordingly.

3. **Section 1.3, page 1-6.** The cleanup objectives for the OB Grounds included removing soil containing total explosives greater than 100,000 milligrams per kilogram (mg/kg). The text indicates that testing for explosives was performed, but does not indicate that this objective





was met. Sampling results and sample locations were not provided. This information should be provided in the text.

Response:

Disagree with comment. The Record of Decision does not state that an objective is to include removing of soil containing total explosives greater than 100,000 milligrams per kilogram. However, an Explosives Summary-Table 4-3, Explosives Sampling Location Map-Figure 4-14, and Explosives Laboratory Data are included in Attachment F.

4. **Section 3, page 3-1** This section describes monitoring well decommissioning at the OB grounds. The text indicates that MW-28 could not be located, but that GB-20 was located in the same area and was decommissioned. The text should provide the steps taken to locate MW-28.

Response:

GB-20 was located approximately 100 ft. northwest of the SEAD-4 survey monument (elev. 629.37) in the immediate area of the proposed MW-28 location and was decommissioned. Monitoring well MW-28 could not be located based on a review of existing data and through field surveys using existing SEAD monuments (SEAD-4, SEAD-5, and SEAD-6) as control points. Section 3, Page 3-1 has been revised accordingly to address the steps taken to locate MW-28. Section 3 and is included as Attachment D.

5. **Figure 4-13.** This figure provides sample locations and results for the grid and perimeter confirmatory samples collected after the 1-foot overexcavation of the OB Ground. The cleanup objective on page 1-6 states that all soil above a concentration of 60 mg/kg of lead would be covered with 9 inches of soil. Several perimeter sampling locations, specifically P-023, P-025, P-026, P-030, and P-035, had lead concentrations above this threshold but were not covered with clean soil. Justification should be provided in the text.

Similarly, at several grid locations, lead concentrations were reported above the 60 mg/kg threshold. Because these samples were composites, it appears that sub grid samples were collected to determine the areas where clean fill was placed. If this procedure was followed, it should be included in the text. In any case, justification for the specific fill areas should be provided in the text.

Response:

Samples located along haul roads, i.e., P-022, P-023, P-024, P-025, P-026, P-030, and P-035 that were above the 60 mg/kg cleanup objective were not covered with soil cover as removal of the



perimeter haul roads was outside the scope of work limits for the Open Burning Grounds project. In addition, these roads were being used and are currently maintained by the Army. The perimeter roads are required to remain in place to access both the OB Grounds and OD Grounds (located to immediate north of OB Grounds). No current remedy is proposed for perimeter sample locations along haul roads with concentrations of lead above 60 mg/kg since the roads are in use. Section 4.1.3 has been revised based on this rationale and is included in Attachment G.

The procedure referenced above in Comment No. 5 is correct. Composite samples resulting in elevated concentrations of lead (> 60 mg/kg) were resampled in smaller subgrids, excavated as necessary (if > 500 mg/kg) and filled with 9 inches of soil cover as required (if > 60 mg/kg). Section 4.1.3 has been revised accordingly (Attachment G). Section 8.0 Site Restoration also was revised (Attachment G).

Figure 4-13 titled “Perimeter Grid Sampling and Site Restoration Plan” has been revised to reflect data corrections and is included in Attachment G. Laboratory data for grid and perimeter sampling is also included in Attachment G (per USEPA request – General Comment No. 1).

Section 10 Conclusion has also been revised to reflect data corrections and is included in Attachment G.

6. **Section 5.3, page 5-2.** This section indicates that confirmation sediment sampling was conducted for the Reeder Creek excavation. Neither the sample locations nor the sample results are provided. The sample results should be provided in the text with a supplemental figure that shows the excavation and the sample locations.

Response:

Reeder Creek data is included in Table 4-4 for Reeder Creek-South. However, Reeder Creek data is not included in Table 4-4 for Reeder Creek-North as all final limits in this section of the creek were excavated to shale, bedrock, or to native soils. Confirmatory Sampling Maps are included in Figures 5-1 and 5-2. In addition, cross sections of the North and South transects of Reeder Creek are included which illustrate pre-excavation and post excavation profiles (Figures 5-3 through 5-8). The revised Section 5.3, Table 4-4, and Figures 5-1 through 5-8 are included in Attachment H. Also included in Attachment H is the 26 September 2000 letter from NYSDEC (as referenced in Section 5.3).

7. **Section 8, page 8-1.** The first bullet mentions the removal of oversize debris, however, there is no mention of its disposal. A comprehensive report on the oversize piles disposal is missing. Provide a completion report for the oversize piles project.



Response:

The oversized debris referenced in the first bullet is referring to rocks or other debris encountered during rough grading of the site. Oversized debris removed during rough grading was moved to the oversized stockpile. All stockpiled oversized debris resulting from site activities (screening, grading, processing of soils, etc.) were removed and disposed of under a separate contract with the Army. A separate completion report was submitted to USEPA from the Army regarding the oversized piles project. Section 4.0 and Section 8.0 of the report have been revised to clarify the disposition of the oversized debris (See Attachment G).

8. **Section 10, page 10-1.** In the second to last paragraph, the report states that approximately 7 acres were backfilled, graded and seeded. The ROD for the OB Grounds estimated a total area to be restored as 27.5 acres. Please explain this significant discrepancy.

Response:

The area contained in the ROD, i.e., 27.5 acres was an estimate and was generated following issuance of the RI/FS which assumed that the entire OB Grounds area would be covered with 9 inches of soil cover. This estimate assumed a worst case scenario of all underlying soils to contain > 60 mg/kg lead. However, based on post excavation confirmatory data, the actual area requiring soil cover was 75% less than the RI/FS and ROD estimate of 27.5 acres as many of the post excavation samples representing the surface soils were less than 60 mg/kg. This resulted in less surface soils requiring cover. Section 8.0 of the report has been revised accordingly to clarify the difference in the two areas (see Attachment G).

Please give me a call to at(603)656-5428 with any questions.

Sincerely,  
Weston Solutions, Inc.



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