



AECOM
5015 Campuswood Drive, Suite 104
East Syracuse, NY 13057-4232

315.432.0506 tel
315.437.0509 fax

July 25, 2012

Steven E. Perrigo, P.E.
Environmental Engineer 2
Division of Materials Management, Region 7
New York State Department of Environmental Conservation
615 Erie Boulevard West
Syracuse, New York 13204-2400

**Subject: Notice of Violation dated April 16, 2012
Roth Steel Corporation**

Dear Steve:

On June 27, 2012, AECOM Technical Services Northeast Inc. (AECOM), on behalf of Roth Steel Corporation (Roth) performed an initial round of sampling of material located adjacent to a ponded area at the facility located on Hiawatha Boulevard in Syracuse, New York. The sampling was in response to an April 16, 2012 Notice of Violation (NOV) issued by the New York State Department of Environmental Conservation (NYSDEC). The sampling was performed in general accordance with the NOV along three vertical transects along an exposed face of the material. This outer boundary of the pile was exposed and made accessible by removing recently generated automobile shredder residue (ASR) that had initially hindered access.

It has been estimated that the pile is approximately 164 feet across (east to west) and ranges from approximately 10 to 50 feet in width. The height varies, sloping up to approximately 25 feet. The three vertical transects were established at 44, 80 and 117 feet from the eastern edge of the pile (see attached Figures 1 and 2). A 6-foot grapple was used to reach into the exposed face to remove some of the outer material and expose the inner layer. Subsamples of the inner layer were taken at three locations across each of the three vertical transects. These samples were composited for each transect to provide three composite grab samples (NOV-1, NOV-2 and NOV-3) for analysis. This process will be repeated for the other half of the material when it is exposed following removal of the initial half.

The samples were submitted to Test America's laboratory in Nashville, Tennessee and as required by the NOV, analyzed for metal concentrations in TCLP leachate, total lead and Aroclor-specific polychlorinated biphenyls (PCBs). The results of the analyses are attached and also summarized below. Concentrations of total PCBs ranged from 10.9 to 12.2 with an average of 11.7 mg/kg. The only PCB Aroclor reported was Aroclor 1248. Total lead ranged from 876 to 1120 mg/kg with an average of 1009 mg/kg. Concentrations of metals in the TCLP leachate did not exceed the TCLP limits.

60156356

AECOM Technical Services Northeast, Inc.

Steven E. Perrigo

July 25, 2012

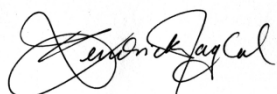
Page 2

Analyte	Regulatory Limit	Samples		
		NOV-1	NOV-2	NOV-3
TCLP Leachate (mg/L)				
Arsenic	5.0	ND	ND	0.494
Barium	100	2.06	2.00	1.99
Cadmium	1.0	0.702	0.177	0.142
Chromium	5.0	ND	ND	ND
Lead	5.0	0.039	0.074	0.071
Mercury	0.2	ND	ND	ND
Selenium	1.0	ND	ND	0.14
Silver	5.0	ND	ND	ND
Total Concentration (mg/kg)				
Lead	Not applicable	1030	1120	876
Total PCBs	Not applicable	12.1	12.2	10.9
% Solids	Not applicable	84.1	85.8	79.3

Roth has obtained necessary equipment and worked through the logistics so that material surrounding the ponded area can be removed from the pile and run through the shredder to remove valuable ferrous metals contained in the material. The output from this process is run through the eddy-sorting facility to remove valuable non-ferrous metals. The resulting ASR is collected in the covered ASR shed following which it is transported by truck to either the Seneca Meadows or Ontario County landfill for proper disposal. Significant progress has been made and site aesthetics have improved considerably as a result of these efforts.

As always, we appreciate the Department's assistance in matters relating to the facility and will keep you posted with updates as we move ahead. Please contact me with any questions.

Yours sincerely,



Kendrick Jaglal, P.E.
Senior Program Manager

Ec: George Stanton, CEO, Roth Steel Corp.

Attachments:

60156356



East

West

Figure 1. Roth Steel Facility - Sampling Transects (facing south).

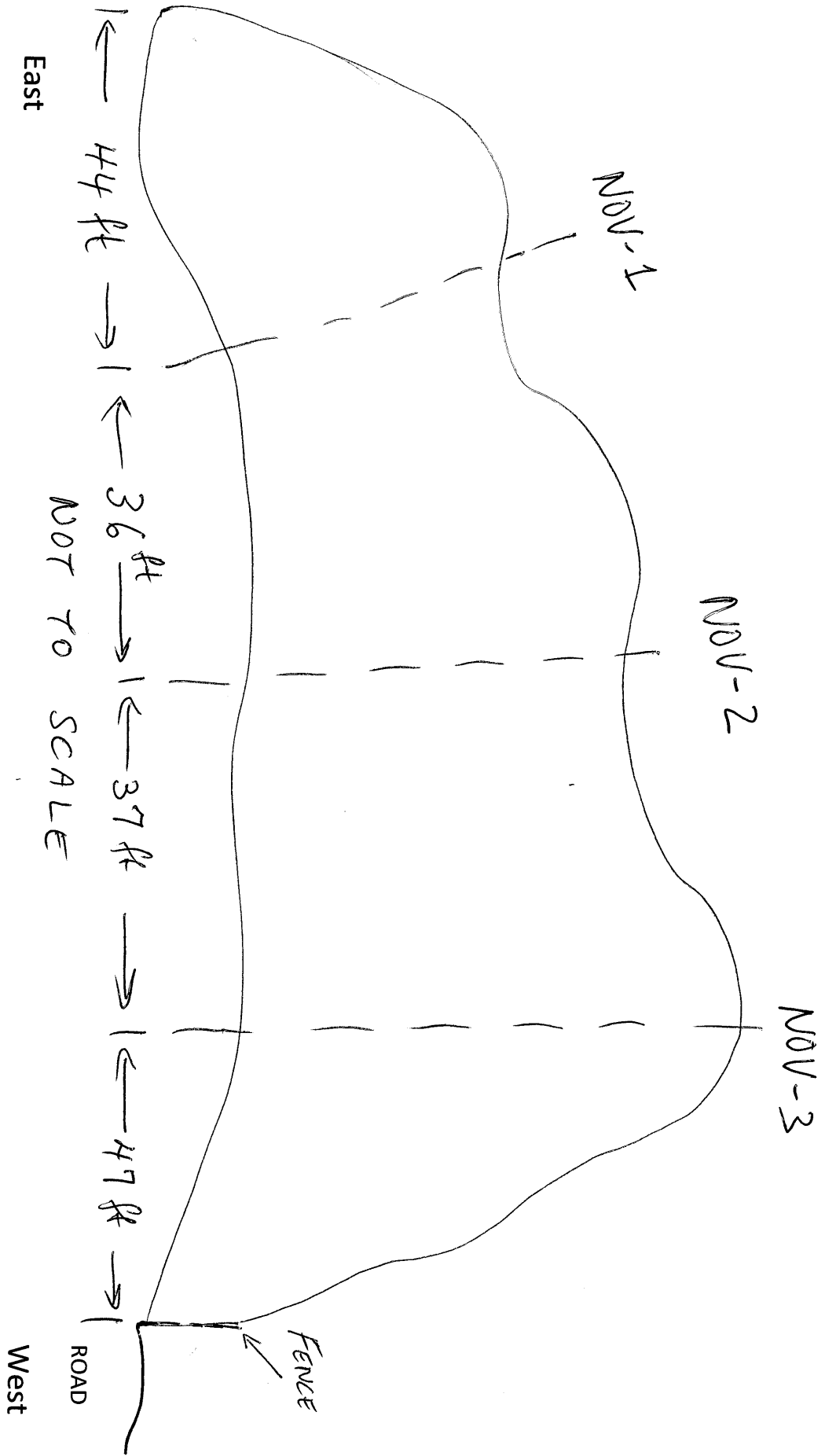


Figure 2. Roth Steel Facility – Dimensions Between Transects (facing south).

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Tel: 800-765-0980

TestAmerica Job ID: NWF2529

Client Project/Site: Auto Shredder Fluff Roth Steel
Client Project Description: Auto Shredder Fluff Roth Steel

For:

AECOM - East Syracuse
5015 Campuswood Drive, Suite 104
East Syracuse, NY 13057-4232

Attn: Kendrick Jaglal

Roxanne L. Connor

Authorized for release by:
7/2/2012 1:15:47 PM

Roxanne Connor
Program Manager - Conventional Accounts
roxanne.connor@testamericainc.com

Designee for

Ken A. Hayes
Senior Project Manager
ken.hayes@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

1

2

3

4

5

6

7

8

9

10

11

12



Table of Contents

Cover Page	1
Table of Contents	2
Sample Summary	3
Case Narrative	4
Definitions	5
Client Sample Results	6
QC Sample Results	12
QC Association	15
Chronicle	18
Method Summary	20
Certification Summary	21
Chain of Custody	22

Sample Summary

Client: AECOM - East Syracuse
Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWF2529-01	NOV-1	Shredder Residue	06/27/12 16:10	06/28/12 07:50
NWF2529-02	NOV-2	Shredder Residue	06/27/12 16:12	06/28/12 07:50
NWF2529-03	NOV-3	Shredder Residue	06/27/12 16:15	06/28/12 07:50
NWF2529-04	NOV-1	Shredder Residue	06/27/12 16:10	06/28/12 07:50
NWF2529-05	NOV-2	Shredder Residue	06/27/12 16:12	06/28/12 07:50
NWF2529-06	NOV-3	Shredder Residue	06/27/12 16:15	06/28/12 07:50

1

2

3

4

5

6

7

8

9

10

11

12

Case Narrative

Client: AECOM - East Syracuse
Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Job ID: NWF2529

Laboratory: TestAmerica Nashville

NELAC Certification

NELAC certifications are not held for the following analytes included in this report:

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SW-846	Soil	% Dry Solids

1

2

3

4

5

6

7

8

9

10

11

12

Definitions/Glossary

Client: AECOM - East Syracuse
Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Qualifiers

Metals

Qualifier	Qualifier Description
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-1

Date Collected: 06/27/12 16:10

Date Received: 06/28/12 07:50

Lab Sample ID: NWF2529-01

Matrix: Shredder Residue

Percent Solids: 84.1

Method: SW846 1311/6010C - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0330	mg/L		06/29/12 10:04	06/30/12 20:22	1.00
Barium	2.06		0.100	0.0700	mg/L		06/29/12 10:04	06/30/12 20:22	1.00
Cadmium	0.702		0.0100	0.00300	mg/L		06/29/12 10:04	06/30/12 20:22	1.00
Chromium	ND		0.0500	0.0150	mg/L		06/29/12 10:04	06/30/12 20:22	1.00
Lead	0.0390	J	0.0500	0.0200	mg/L		06/29/12 10:04	06/30/12 20:22	1.00
Selenium	ND		0.100	0.0400	mg/L		06/29/12 10:04	06/30/12 20:22	1.00
Silver	ND		0.0500	0.0100	mg/L		06/29/12 10:04	06/30/12 20:22	1.00

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0100	0.00500	mg/L		07/01/12 10:30	07/01/12 12:56	1.00

Method: SW846 6010C - Total Metals by EPA 6010C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1030		0.971	0.485	mg/kg		06/28/12 11:04	06/29/12 15:11	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	84.1		0.500	0.500	%		06/28/12 11:26	06/29/12 07:36	1.00

Client Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-2

Lab Sample ID: NWF2529-02

Date Collected: 06/27/12 16:12

Matrix: Shredder Residue

Date Received: 06/28/12 07:50

Percent Solids: 85.8

Method: SW846 1311/6010C - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0330	mg/L		06/29/12 10:04	06/30/12 20:25	1.00
Barium	2.00		0.100	0.0700	mg/L		06/29/12 10:04	06/30/12 20:25	1.00
Cadmium	0.177		0.0100	0.00300	mg/L		06/29/12 10:04	06/30/12 20:25	1.00
Chromium	ND		0.0500	0.0150	mg/L		06/29/12 10:04	06/30/12 20:25	1.00
Lead	0.0740		0.0500	0.0200	mg/L		06/29/12 10:04	06/30/12 20:25	1.00
Selenium	ND		0.100	0.0400	mg/L		06/29/12 10:04	06/30/12 20:25	1.00
Silver	ND		0.0500	0.0100	mg/L		06/29/12 10:04	06/30/12 20:25	1.00

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0100	0.00500	mg/L		07/01/12 10:30	07/01/12 13:02	1.00

Method: SW846 6010C - Total Metals by EPA 6010C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1120		0.952	0.476	mg/kg		06/28/12 11:04	06/29/12 15:15	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	85.8		0.500	0.500	%		06/28/12 11:26	06/29/12 07:36	1.00

Client Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-3

Lab Sample ID: NWF2529-03

Date Collected: 06/27/12 16:15

Matrix: Shredder Residue

Date Received: 06/28/12 07:50

Percent Solids: 79.3

Method: SW846 1311/6010C - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.494		0.100	0.0330	mg/L		06/29/12 10:04	06/30/12 20:29	1.00
Barium	1.99		0.100	0.0700	mg/L		06/29/12 10:04	06/30/12 20:29	1.00
Cadmium	0.142		0.0100	0.00300	mg/L		06/29/12 10:04	06/30/12 20:29	1.00
Chromium	ND		0.0500	0.0150	mg/L		06/29/12 10:04	06/30/12 20:29	1.00
Lead	0.0710		0.0500	0.0200	mg/L		06/29/12 10:04	06/30/12 20:29	1.00
Selenium	0.140		0.100	0.0400	mg/L		06/29/12 10:04	06/30/12 20:29	1.00
Silver	ND		0.0500	0.0100	mg/L		06/29/12 10:04	06/30/12 20:29	1.00

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0100	0.00500	mg/L		07/01/12 10:30	07/01/12 13:05	1.00

Method: SW846 6010C - Total Metals by EPA 6010C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	876		0.978	0.489	mg/kg		06/28/12 11:04	06/29/12 15:28	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	79.3		0.500	0.500	%		06/28/12 11:26	06/29/12 07:36	1.00

Client Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-1

Lab Sample ID: NWF2529-04

Date Collected: 06/27/12 16:10

Matrix: Shredder Residue

Date Received: 06/28/12 07:50

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 21:53	10.0
PCB-1221	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 21:53	10.0
PCB-1232	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 21:53	10.0
PCB-1242	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 21:53	10.0
PCB-1248	12.1		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 21:53	10.0
PCB-1254	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 21:53	10.0
PCB-1260	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 21:53	10.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-meta-xylene</i>	96		15 - 150	06/28/12 12:33	06/28/12 21:53	10.0

Client Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-2

Lab Sample ID: NWF2529-05

Date Collected: 06/27/12 16:12

Matrix: Shredder Residue

Date Received: 06/28/12 07:50

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.24	1.24	mg/kg		06/28/12 12:33	06/28/12 22:14	10.0
PCB-1221	ND		1.24	1.24	mg/kg		06/28/12 12:33	06/28/12 22:14	10.0
PCB-1232	ND		1.24	1.24	mg/kg		06/28/12 12:33	06/28/12 22:14	10.0
PCB-1242	ND		1.24	1.24	mg/kg		06/28/12 12:33	06/28/12 22:14	10.0
PCB-1248	12.2		1.24	1.24	mg/kg		06/28/12 12:33	06/28/12 22:14	10.0
PCB-1254	ND		1.24	1.24	mg/kg		06/28/12 12:33	06/28/12 22:14	10.0
PCB-1260	ND		1.24	1.24	mg/kg		06/28/12 12:33	06/28/12 22:14	10.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-meta-xylene</i>	96		15 - 150				06/28/12 12:33	06/28/12 22:14	10.0

Client Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-3

Lab Sample ID: NWF2529-06

Date Collected: 06/27/12 16:15

Matrix: Shredder Residue

Date Received: 06/28/12 07:50

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 22:36	10.0
PCB-1221	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 22:36	10.0
PCB-1232	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 22:36	10.0
PCB-1242	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 22:36	10.0
PCB-1248	10.9		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 22:36	10.0
PCB-1254	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 22:36	10.0
PCB-1260	ND		1.23	1.23	mg/kg		06/28/12 12:33	06/28/12 22:36	10.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-meta-xylene</i>	97		15 - 150	06/28/12 12:33	06/28/12 22:36	10.0

QC Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12F5537-BLK1
Matrix: Shredder Fluff
Analysis Batch: V010520

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12F5537_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1221	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1232	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1242	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1248	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1254	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1260	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1262	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0
PCB-1268	ND		1.25	1.25	mg/kg		06/28/12 12:33	06/28/12 21:09	10.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	96		15 - 150	06/28/12 12:33	06/28/12 21:09	10.0

Lab Sample ID: 12F5537-BS1
Matrix: Shredder Fluff
Analysis Batch: V010520

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12F5537_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1242	12.5	13.8		mg/kg		110	45 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	100		15 - 150

Method: SW846 1311/6010C - TCLP Metals by 6000/7000 Series Methods

Lab Sample ID: 12F5716-BLK1
Matrix: Soil
Analysis Batch: V010683

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 12F5716_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.100	0.0330	mg/L		06/29/12 10:04	06/30/12 19:23	1.00
Barium	ND		0.100	0.0700	mg/L		06/29/12 10:04	06/30/12 19:23	1.00
Cadmium	ND		0.0100	0.00300	mg/L		06/29/12 10:04	06/30/12 19:23	1.00
Chromium	ND		0.0500	0.0150	mg/L		06/29/12 10:04	06/30/12 19:23	1.00
Lead	ND		0.0500	0.0200	mg/L		06/29/12 10:04	06/30/12 19:23	1.00
Selenium	ND		0.100	0.0400	mg/L		06/29/12 10:04	06/30/12 19:23	1.00
Silver	ND		0.0500	0.0100	mg/L		06/29/12 10:04	06/30/12 19:23	1.00

Lab Sample ID: 12F5716-BS1
Matrix: Soil
Analysis Batch: V010683

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 12F5716_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	2.00	2.04		mg/L		102	80 - 120
Barium	20.0	21.7		mg/L		109	80 - 120
Cadmium	2.00	2.10		mg/L		105	80 - 120
Chromium	10.0	10.2		mg/L		102	80 - 120
Lead	10.0	10.6		mg/L		106	80 - 120
Selenium	2.00	2.12		mg/L		106	80 - 120

QC Sample Results

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Method: SW846 1311/6010C - TCLP Metals by 6000/7000 Series Methods (Continued)

Lab Sample ID: 12F5716-BS1
Matrix: Soil
Analysis Batch: V010683

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 12F5716_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	2.00	2.06		mg/L		103	80 - 120

Lab Sample ID: 12F5716-MS1
Matrix: Soil
Analysis Batch: V010683

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 12F5716_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		2.00	2.13		mg/L		106	75 - 125
Barium	ND		20.0	21.4		mg/L		107	75 - 125
Cadmium	0.911		2.00	3.00		mg/L		105	75 - 125
Chromium	ND		10.0	10.1		mg/L		101	75 - 125
Lead	0.0270		10.0	10.7		mg/L		107	75 - 125
Selenium	ND		2.00	2.18		mg/L		109	75 - 125
Silver	ND		2.00	2.04		mg/L		102	75 - 125

Lab Sample ID: 12F5716-MSD1
Matrix: Soil
Analysis Batch: V010683

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 12F5716_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		2.00	2.15		mg/L		107	75 - 125	0.9	20
Barium	ND		20.0	21.7		mg/L		108	75 - 125	1	20
Cadmium	0.911		2.00	3.04		mg/L		106	75 - 125	1	20
Chromium	ND		10.0	10.3		mg/L		103	75 - 125	2	20
Lead	0.0270		10.0	10.8		mg/L		108	75 - 125	1	20
Selenium	ND		2.00	2.23		mg/L		111	75 - 125	2	20
Silver	ND		2.00	2.07		mg/L		103	75 - 125	1	20

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods

Lab Sample ID: 12F5720-BLK1
Matrix: Water
Analysis Batch: 12F5720

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 12F5720_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0100	0.00500	mg/L		07/01/12 10:30	07/01/12 12:29	1.00

Lab Sample ID: 12F5720-BS1
Matrix: Water
Analysis Batch: 12F5720

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 12F5720_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0200	0.0204		mg/L		102	80 - 120

Lab Sample ID: 12F5720-BSD1
Matrix: Water
Analysis Batch: 12F5720

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 12F5720_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0200	0.0194		mg/L		97	80 - 120	5	20

QC Sample Results

Client: AECOM - East Syracuse
Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Method: SW846 1311/7470A - TCLP Metals by 6000/7000 Series Methods (Continued)

Lab Sample ID: 12F5720-MS1
Matrix: Water
Analysis Batch: 12F5720

Client Sample ID: NOV-1
Prep Type: TCLP
Prep Batch: 12F5720_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Mercury	ND		0.0200	0.0196		mg/L		98	75 - 125

Lab Sample ID: 12F5720-MSD1
Matrix: Water
Analysis Batch: 12F5720

Client Sample ID: NOV-1
Prep Type: TCLP
Prep Batch: 12F5720_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	ND		0.0200	0.0197		mg/L		99	75 - 125	0.8	20

Method: SW846 6010C - Total Metals by EPA 6010C

Lab Sample ID: 12F5511-BLK1
Matrix: Soil
Analysis Batch: V010680

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12F5511_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.973	0.486	mg/kg		06/28/12 11:04	06/29/12 14:04	1.00

Lab Sample ID: 12F5511-BS1
Matrix: Soil
Analysis Batch: V010680

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12F5511_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	19.3	20.0		mg/kg		104	80 - 120

Lab Sample ID: 12F5511-MS1
Matrix: Soil
Analysis Batch: V010680

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 12F5511_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Lead	63.9		20.0	116	M7	mg/kg		260	75 - 125

Lab Sample ID: 12F5511-MSD1
Matrix: Soil
Analysis Batch: V010680

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 12F5511_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Lead	63.9		19.9	79.7	R3	mg/kg		79	75 - 125	37	20

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 12F5519-DUP1
Matrix: Soil
Analysis Batch: 12F5519

Client Sample ID: Duplicate
Prep Type: Total
Prep Batch: 12F5519_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
% Dry Solids	83.8		83.5		%		0.3	20

QC Association Summary

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Pesticides

Analysis Batch: V010520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5537-BLK1	Method Blank	Total	Shredder Fluff	SW846 8082	12F5537_P
12F5537-BS1	Lab Control Sample	Total	Shredder Fluff	SW846 8082	12F5537_P
NWF2529-04	NOV-1	Total	Shredder Residue	SW846 8082	12F5537_P
NWF2529-05	NOV-2	Total	Shredder Residue	SW846 8082	12F5537_P
NWF2529-06	NOV-3	Total	Shredder Residue	SW846 8082	12F5537_P

Prep Batch: 12F5537_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5537-BLK1	Method Blank	Total	Shredder Fluff	Hexane Extraction	
12F5537-BS1	Lab Control Sample	Total	Shredder Fluff	Hexane Extraction	
NWF2529-04	NOV-1	Total	Shredder Residue	Hexane Extraction	
NWF2529-05	NOV-2	Total	Shredder Residue	Hexane Extraction	
NWF2529-06	NOV-3	Total	Shredder Residue	Hexane Extraction	

Metals

Leach Batch: 12F5434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWF2529-01	NOV-1	TCLP	Shredder Residue	TCLP Extraction	
NWF2529-02	NOV-2	TCLP	Shredder Residue	TCLP Extraction	
NWF2529-03	NOV-3	TCLP	Shredder Residue	TCLP Extraction	

Analysis Batch: 12F5720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5720-BLK1	Method Blank	TCLP	Water	SW846 1311/7470A	12F5720_P
12F5720-BS1	Lab Control Sample	TCLP	Water	SW846 1311/7470A	12F5720_P
12F5720-BSD1	Lab Control Sample Dup	TCLP	Water	SW846 1311/7470A	12F5720_P
12F5720-MS1	NOV-1	TCLP	Water	SW846 1311/7470A	12F5720_P
12F5720-MSD1	NOV-1	TCLP	Water	SW846 1311/7470A	12F5720_P
NWF2529-01	NOV-1	TCLP	Shredder Residue	SW846 1311/7470A	12F5720_P
NWF2529-02	NOV-2	TCLP	Shredder Residue	SW846 1311/7470A	12F5720_P
NWF2529-03	NOV-3	TCLP	Shredder Residue	SW846 1311/7470A	12F5720_P

Analysis Batch: V010680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5511-BLK1	Method Blank	Total	Soil	SW846 6010C	12F5511_P
12F5511-BS1	Lab Control Sample	Total	Soil	SW846 6010C	12F5511_P
12F5511-MS1	Matrix Spike	Total	Soil	SW846 6010C	12F5511_P
12F5511-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 6010C	12F5511_P
NWF2529-01	NOV-1	Total	Shredder Residue	SW846 6010C	12F5511_P
NWF2529-02	NOV-2	Total	Shredder Residue	SW846 6010C	12F5511_P
NWF2529-03	NOV-3	Total	Shredder Residue	SW846 6010C	12F5511_P

QC Association Summary

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Metals (Continued)

Analysis Batch: V010680 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
V010680-SRD1	SRD1	Total	Soil	SW846 6010C	

Analysis Batch: V010683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5716-BLK1	Method Blank	TCLP	Soil	SW846 1311/6010C	12F5716_P
12F5716-BS1	Lab Control Sample	TCLP	Soil	SW846 1311/6010C	12F5716_P
12F5716-MS1	Matrix Spike	TCLP	Soil	SW846 1311/6010C	12F5716_P
12F5716-MSD1	Matrix Spike Duplicate	TCLP	Soil	SW846 1311/6010C	12F5716_P
NWF2529-01	NOV-1	TCLP	Shredder Residue	SW846 1311/6010C	12F5716_P
NWF2529-02	NOV-2	TCLP	Shredder Residue	SW846 1311/6010C	12F5716_P
NWF2529-03	NOV-3	TCLP	Shredder Residue	SW846 1311/6010C	12F5716_P

Prep Batch: 12F5511_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5511-BLK1	Method Blank	Total	Soil	EPA 3051A/6010	
12F5511-BS1	Lab Control Sample	Total	Soil	EPA 3051A/6010	
12F5511-MS1	Matrix Spike	Total	Soil	EPA 3051A/6010	
12F5511-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3051A/6010	
NWF2529-01	NOV-1	Total	Shredder Residue	EPA 3051A/6010	
NWF2529-02	NOV-2	Total	Shredder Residue	EPA 3051A/6010	
NWF2529-03	NOV-3	Total	Shredder Residue	EPA 3051A/6010	

Prep Batch: 12F5716_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5716-BLK1	Method Blank	TCLP	Soil	EPA 3010A / 6010	
12F5716-BS1	Lab Control Sample	TCLP	Soil	EPA 3010A / 6010	
12F5716-MS1	Matrix Spike	TCLP	Soil	EPA 3010A / 6010	
12F5716-MSD1	Matrix Spike Duplicate	TCLP	Soil	EPA 3010A / 6010	
NWF2529-01	NOV-1	TCLP	Shredder Residue	EPA 3010A / 6010	12F5434
NWF2529-02	NOV-2	TCLP	Shredder Residue	EPA 3010A / 6010	12F5434
NWF2529-03	NOV-3	TCLP	Shredder Residue	EPA 3010A / 6010	12F5434

Prep Batch: 12F5720_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5720-BLK1	Method Blank	TCLP	Water	EPA 7470	
12F5720-BS1	Lab Control Sample	TCLP	Water	EPA 7470	

QC Association Summary

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Metals (Continued)

Prep Batch: 12F5720_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5720-BSD1	Lab Control Sample Dup	TCLP	Water	EPA 7470	
12F5720-MS1	NOV-1	TCLP	Water	EPA 7470	
12F5720-MSD1	NOV-1	TCLP	Water	EPA 7470	
NWF2529-01	NOV-1	TCLP	Shredder Residue	EPA 7470	12F5434
NWF2529-02	NOV-2	TCLP	Shredder Residue	EPA 7470	12F5434
NWF2529-03	NOV-3	TCLP	Shredder Residue	EPA 7470	12F5434

Extractions

Analysis Batch: 12F5519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5519-DUP1	Duplicate	Total	Soil	SW-846	12F5519_P
NWF2529-01	NOV-1	Total	Shredder Residue	SW-846	12F5519_P
NWF2529-02	NOV-2	Total	Shredder Residue	SW-846	12F5519_P
NWF2529-03	NOV-3	Total	Shredder Residue	SW-846	12F5519_P

Prep Batch: 12F5519_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5519-DUP1	Duplicate	Total	Soil	% Solids	
NWF2529-01	NOV-1	Total	Shredder Residue	% Solids	
NWF2529-02	NOV-2	Total	Shredder Residue	% Solids	
NWF2529-03	NOV-3	Total	Shredder Residue	% Solids	

Lab Chronicle

Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-1

Date Collected: 06/27/12 16:10

Date Received: 06/28/12 07:50

Lab Sample ID: NWF2529-01

Matrix: Shredder Residue

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	TCLP Extraction		1.00	12F5434	06/28/12 14:50	SJM	TAL NSH
TCLP	Prep	EPA 3010A / 6010		1.00	12F5716_P	06/29/12 10:04	CXU	TAL NSH
TCLP	Analysis	SW846 1311/6010C		1.00	V010683	06/30/12 20:22	LCB	TAL NSH
Total	Prep	EPA 3051A/6010		0.971	12F5511_P	06/28/12 11:04	CXU	TAL NSH
Total	Analysis	SW846 6010C		1.00	V010680	06/29/12 15:11	LCB	TAL NSH
TCLP	Prep	EPA 7470		1.00	12F5720_P	07/01/12 10:30	NLI	TAL NSH
TCLP	Analysis	SW846 1311/7470A		1.00	12F5720	07/01/12 12:56	NLI	TAL NSH
Total	Prep	% Solids		1.00	12F5519_P	06/28/12 11:26	MLYN	TAL NSH
Total	Analysis	SW-846		1.00	12F5519	06/29/12 07:36	JXM	TAL NSH

Client Sample ID: NOV-2

Date Collected: 06/27/12 16:12

Date Received: 06/28/12 07:50

Lab Sample ID: NWF2529-02

Matrix: Shredder Residue

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	TCLP Extraction		1.00	12F5434	06/28/12 14:50	SJM	TAL NSH
TCLP	Prep	EPA 3010A / 6010		1.00	12F5716_P	06/29/12 10:04	CXU	TAL NSH
TCLP	Analysis	SW846 1311/6010C		1.00	V010683	06/30/12 20:25	LCB	TAL NSH
Total	Prep	EPA 3051A/6010		0.952	12F5511_P	06/28/12 11:04	CXU	TAL NSH
Total	Analysis	SW846 6010C		1.00	V010680	06/29/12 15:15	LCB	TAL NSH
TCLP	Prep	EPA 7470		1.00	12F5720_P	07/01/12 10:30	NLI	TAL NSH
TCLP	Analysis	SW846 1311/7470A		1.00	12F5720	07/01/12 13:02	NLI	TAL NSH
Total	Prep	% Solids		1.00	12F5519_P	06/28/12 11:26	MLYN	TAL NSH
Total	Analysis	SW-846		1.00	12F5519	06/29/12 07:36	JXM	TAL NSH

Client Sample ID: NOV-3

Date Collected: 06/27/12 16:15

Date Received: 06/28/12 07:50

Lab Sample ID: NWF2529-03

Matrix: Shredder Residue

Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	TCLP Extraction		1.00	12F5434	06/28/12 14:50	SJM	TAL NSH
TCLP	Prep	EPA 3010A / 6010		1.00	12F5716_P	06/29/12 10:04	CXU	TAL NSH
TCLP	Analysis	SW846 1311/6010C		1.00	V010683	06/30/12 20:29	LCB	TAL NSH
Total	Prep	EPA 3051A/6010		0.978	12F5511_P	06/28/12 11:04	CXU	TAL NSH
Total	Analysis	SW846 6010C		1.00	V010680	06/29/12 15:28	LCB	TAL NSH
TCLP	Prep	EPA 7470		1.00	12F5720_P	07/01/12 10:30	NLI	TAL NSH
TCLP	Analysis	SW846 1311/7470A		1.00	12F5720	07/01/12 13:05	NLI	TAL NSH
Total	Prep	% Solids		1.00	12F5519_P	06/28/12 11:26	MLYN	TAL NSH
Total	Analysis	SW-846		1.00	12F5519	06/29/12 07:36	JXM	TAL NSH

Lab Chronicle

Client: AECOM - East Syracuse
Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Client Sample ID: NOV-1

Date Collected: 06/27/12 16:10

Date Received: 06/28/12 07:50

Lab Sample ID: NWF2529-04

Matrix: Shredder Residue

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Hexane Extraction		0.984	12F5537_P	06/28/12 12:33	DEF	TAL NSH
Total	Analysis	SW846 8082		10.0	V010520	06/28/12 21:53	SCS	TAL NSH

Client Sample ID: NOV-2

Date Collected: 06/27/12 16:12

Date Received: 06/28/12 07:50

Lab Sample ID: NWF2529-05

Matrix: Shredder Residue

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Hexane Extraction		0.984	12F5537_P	06/28/12 12:33	DEF	TAL NSH
Total	Analysis	SW846 8082		10.0	V010520	06/28/12 22:14	SCS	TAL NSH

Client Sample ID: NOV-3

Date Collected: 06/27/12 16:15

Date Received: 06/28/12 07:50

Lab Sample ID: NWF2529-06

Matrix: Shredder Residue

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Hexane Extraction		0.985	12F5537_P	06/28/12 12:33	DEF	TAL NSH
Total	Analysis	SW846 8082		10.0	V010520	06/28/12 22:36	SCS	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: AECOM - East Syracuse
Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846	TCLP Metals by 6000/7000 Series Methods		TAL NSH
1311/6010C			
SW846	TCLP Metals by 6000/7000 Series Methods		TAL NSH
1311/7470A			
SW846 6010C	Total Metals by EPA 6010C		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Certification Summary

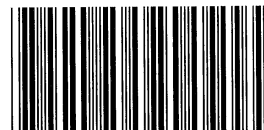
Client: AECOM - East Syracuse
 Project/Site: Auto Shredder Fluff Roth Steel

TestAmerica Job ID: NWF2529

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Minnesota	NELAC	5	047-999-345
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER RECEIPT



NWF2529

Cooler Received/Opened On 6/28/2012 @ 7:50

1. Tracking # 6161 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID 18290455

2. Temperature of rep. sample or temp blank when opened: 3.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES..NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES..NO...NA

6. Were custody papers inside cooler? YES..NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) W

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES..NO...NA

12. Did all container labels and tags agree with custody papers? YES..NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (initial) W

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) W

17. Were custody papers properly filled out (ink, signed, etc)? YES..NO...NA

18. Did you sign the custody papers in the appropriate place? YES..NO...NA

19. Were correct containers used for the analysis requested? YES..NO...NA

20. Was sufficient amount of sample sent in each container? YES..NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) W

I certify that I attached a label with the unique LIMS number to each container (initial) W

21. Were there Non-Conformance issues at login? YES...NO... Was a PIPE generated? YES...NO...# _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____

Drinking Water? Yes No

Chain of Custody Record

NWF2529

TAL-4124 (1007)

Client: **AECOM** Project Manager: **Hendrick Jaglal** Date: **6/27/12** Chain of Custody Number: **224291**
 Address: **5015 Campuswood Drive #104 (315)432 0506 x296** Telephone Number (Area Code)/Fax Number: **(315)432 0506 x296** Lab Number: _____ Page **1** of **1**
 City: **East Syracuse NY 13057** State: **NY** Zip Code: **13057** Lab Contact: **Ken Hayes**

Project Name and Location (State): **Roth Steel - Syracuse, NY** Carrier/Waybill Number: _____
 Contract/Purchase Order/Quote No.: **543304**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt				
			Air	Aqueous	Sed.	Soil	Asbestos	Unpres.	H2SO4	HNO3	HCl	NaOH			ZnAc	NaOH		
NOV-1 (2 bottles) Composite	6/27/12	16:10												X PCBs (8682)	X TCLP metals	X Total Lead	NWF2529-01-01	1 bag of PCBs and lead for TCLP
NOV-2 (2 bottles) Composite	6/27/12	16:12												X	X	X		
NOV-3 (2 bottles) Composite	6/27/12	16:15												X	X	X		

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Disposal By Lab Archive For _____ Months _____ Months longer than 1 month

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

QC Requirements (Specify): _____

1. Relinquished By: **[Signature]** Date: **06-27-12** Time: **16:55** Received By: **RENIG/LSB, SYR** Date: **06-27-12** Time: **16:55**
 2. Relinquished By: **[Signature]** Date: **06-27-12** Time: **19:07** Received By: **MAW/LSB, SYR** Date: **06-28-12** Time: **0750**
 3. Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

Comments: _____

