ORIGINAL

REMOVAL PROGRAM
AFTER ACTION REPORT
FOR THE
CHARLES BATCHELDER SITE
NEWTOWN, FAIRFIELD COUNTY, CONNECTICUT
3 JULY 2012 THROUGH 14 FEBRUARY 2013

Prepared For:

U.S. Environmental Protection Agency
Region I
Emergency Planning and Response Branch
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912

CONTRACT NO. EP-W-05-042

TDD NO. 01-12-05-0010

SITE ID. 013M

TASK NO. 0806

DC NO. R-7368

Submitted By:

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TABLE OF CONTENTS

Page

LIST OF APPENDICES iii

1.0 INTRODUCTION 1

2.0 SITE CONDITIONS AND BACKGROUND 1
- 2.1 Site Location and Description 1
- 2.2 Site History/Previous Actions 1

3.0 SUMMARY OF FEDERAL RESPONSE ACTIONS 3
- 3.1 Organization of the Response 3
- 3.2 Mobilization and Site Preparation 3
- 3.3 Chronology of Removal Activities 4

4.0 ESTIMATED COSTS OF THE REMOVAL ACTION 11

REFERENCES 12

LIST OF APPENDICES

Appendix A — Figures
- Figure 1 – Site Location Map
- Figure 2 – Site Map

Appendix B — Photodocumentation Log

Appendix C — Waste Disposal Summary Tables
- Table 1 – Aluminum Dross Residue Disposal Summary Table
- Table 2 – Polychlorinated Biphenyl Soil and Debris Disposal Summary Table
- Table 3 – Hazardous Waste Disposal Summary Table

1.0 INTRODUCTION

The following report, entitled *Removal Program After Action Report for the Charles Batchelder Site, Newtown, Fairfield County, Connecticut, 3 July 2012 through 14 February 2013,* is a chronological summary of the response actions taken by the U.S. Environmental Protection Agency (EPA), Region I, Emergency Planning and Response Branch (EPRB). The report details the situation as it developed, actions taken, and resources committed.

Site activities included preparing the site for safe, heavy truck traffic; conducting transportation and disposal of stockpiled waste material on site; and conducting air monitoring for particulates during all loading activities.

2.0 SITE CONDITIONS AND BACKGROUND

2.1 Site Location and Description

The Charles Batchelder Site (the Site) is located at 46a Swamp Road in Newtown, Fairfield County, Connecticut (CT) (see Appendix A, Figure 1) [1]. The property is designated as Lot Number (No.) 3 of Block No. 1 on Town of Newtown Tax Assessor's Map No. 47. The geographic coordinates of the approximate center of the property are latitude 41° 21' 49" north and longitude 73° 15' 13" west. The 30.65-acre property is zoned M3 for manufacturing. The property is currently owned, along with neighboring property at 44 Swamp Road, by the Chapter 7 bankruptcy estate of the Charles Batchelder Company, Inc., which has been bankrupt since 1987. The current trustee is Mr. Richard M. Coan, of Coan, Lewendon, Royston, Deming & Gulliver [2]. The property is bordered to the west by Swamp Road, and to the north by railroad tracks owned and operated by the Housatonic Railroad as well as by industrial land operated by Interstate and Lakeland Lumber. The remainder of the property is bordered by wetlands identified as Pine Swamp, which includes the Housatonic Valley Rail-Trail-Monroe. The Site is located in a mixed residential and industrial area (see Appendix A, Figure 2) [3].

The Site was the former location of an aluminum smelting facility, which ceased operations in 1987 following a declaration of bankruptcy. There are numerous piles of baghouse dust containing dross (material that is skimmed from the top of molten aluminum) and metal debris present. Several dilapidated buildings exist on the property, two of which contain piles of baghouse dust and dross/debris [2].

The entrance driveway to the industrial property is secured by a large, swinging gate along Swamp Road and a second chain-link gate. The remainder of the Site is surrounded by chain-link fencing that has been breached in several areas, and there is evidence of trespassing which includes all-terrain vehicle tracks, motorbike tracks, and footprints. The piles vary in volume/size, and all are exposed to the elements whether they are within buildings or not. The Site is covered by sparse scrub brush and trees, and there is debris and municipal trash covering many areas [2].

2.2 Site History/Previous Actions

From 1947 to 1987, the Charles Batchelder Company, Inc., operated an aluminum smelting facility on the site. The operations included smelting aluminum into secondary ingots, and using oil contaminated with polychlorinated biphenyls (PCBs) and volatile organic compounds

(VOCs) to heat the facility buildings and run the smelters. A tank farm, with a combined capacity of approximately 270,000 gallons, was located on a portion of the Site. The tank farm used aboveground storage tanks (ASTs) to store the contaminated oil, and soil within the tank farm area was reported to contain 1 to 2 inches of oil contamination at the surface. Between 1970 and 1975, a fire pond was constructed in the southeastern corner of the facility and subsequently accepted runoff and wastewater from the facility. A baghouse was installed in 1975 to precipitate metals out of effluent to the air. Since 1975, dust from the baghouse had been mixed with dross and stored in an on-site landfill and in open piles. Documentary evidence suggests that wastewater was also discharged to Pine Swamp, located south and east of the facility buildings [2].

In 1987 the plant was abandoned, leaving multiple open waste piles, miscellaneous drums (full and empty), a partially capped landfill, and an area of oil-saturated soil. Several remediation projects have resulted in the covering of the oil-contaminated soil with fill; the covering of some waste piles with geotextile fabric to prevent the dust from becoming airborne; the partial blocking of access to the facility buildings; and the removal of a lead-contaminated soil pile, asbestos-containing roofing shingles, drums, containers, and ASTs [2]. A 6-foot fence topped with barbed wire, encircling the entire facility, was installed during a 1997 EPA Removal Action [4]. The baghouse dust, still present in piles and in the landfill, contains high levels of copper, aluminum, lead, VOCs, and PCBs, and was determined by Connecticut Department of Energy and Environmental Protection (CT DEEP) [formerly known as Connecticut Department of Environmental Protection] to be a respiratory hazard to landfill workers due to its copper and lead content. The soil of the tank farm area contains VOCs, PCBs, and metals, and was covered due to its PCB content. The two buildings on Site are in severe disrepair and represent hazards from building collapse, struck-by debris, etc. Numerous groundwater monitoring wells are present on Site. Reports from 1999 noted the presence of approximately 560,000 cubic feet (ft^3) of dross and related waste in outdoor piles, approximately 50 gallons of unidentified waste with a petroleum odor, approximately 50 empty drums, and approximately 14 full drums, one of which was labeled "PCBs". It is unclear what actions have taken place since 1999 [2].

In April 2012, at the request of CT DEEP and the Town of Newtown, the U.S. Environmental Protection Agency (EPA) and Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team III (START) personnel mobilized to the Site to conduct field activities as part of an EPA Preliminary Assessment/Site Investigation (PA/SI). During the PA/SI, site activities included conducting air monitoring, collecting composite samples from the numerous piles, and collecting measurements from the various stockpiles to provide a volume estimate of the piles. No readings above background were observed in ambient air during air monitoring [5, 6]. Three PCB Aroclors were detected in one or more of the surface soil and dross pile samples and include the following (maximum concentration in parentheses): Aroclor 1248 [250 milligrams per Kilogram (mg/Kg)]; Aroclor 1254 (16.0 mg/Kg); and Aroclor 1260 (7.6 mg/Kg) [7]. Seventeen metals were detected in one or more of the surface soil and dross pile samples. Chromium was detected at 890 mg/Kg and lead was detected at 2,500 mg/Kg. Trace levels of chrysotile asbestos were detected in the two asbestos-containing material (ACM) samples. The laboratory noted that the samples consisted of black, flat roofing material. No VOCs were detected in the surface soil and dross pile samples. The piles were measured to have a combined estimated volume of over 5,500 cubic yards [8]. From this data, EPA determined the site warranted further action, and an Action Memorandum was signed for a removal action on the Site.

3.0 SUMMARY OF FEDERAL RESPONSE ACTIONS

3.1 Organization of the Response

ORGANIZATION OF THE RESPONSE		
Organization	Representatives	Responsibilities
U.S. Environmental Protection Agency (EPA) Emergency Planning and Response Branch (EPRB) 5 Post Office Square, Suite 100 Boston, MA 02109-3912 (617) 918-1259	Eric Vanderboom	EPA On-Scene Coordinator (OSC) responsible for the initiation, oversight, and completion of all removal activities. The OSC coordinated with State and local officials.
Weston Solutions, Inc. (Weston) Superfund Technical Assessment and Response Team (START) 3 Riverside Drive Andover, MA 01810 (978) 552-2106	Lauren Long	START Site Leader that provided the OSC with technical assistance, site documentation, site health and safety monitoring, air monitoring, and draft and final report preparation.
Environmental Restoration, LLC (ER) Emergency Rapid Response Services (ERRS) 110 Granby Street Bloomfield, CT 06002 (860) 769-7356	Christopher May	Response Manager (RM) for the ERRS contractor that performed removal activities. The RM was responsible for oversight and organization of mobilization, demobilization, and waste removal activities.
Newtown Land Use Agency 3 Primrose Street Newtown, CT 06470 (203) 270-4276	Rob Sibley	Town representative that was responsible for recommending the site for cleanup activities and coordinating with all local officials during the removal action.

3.2 Mobilization and Site Preparation

The site-specific removal health and safety plan (HASP) was reviewed and signed by all personnel before any work commenced. In addition, emergency telephone numbers and directions to the hospital were posted and work zones were delineated. All activities were performed in appropriate personal protective equipment (PPE) in accordance with the HASP. The HASP was prepared by START personnel as a separate document, entitled *Health and Safety Plan for the Charles Batchelder Site, Newtown, Fairfield County, Connecticut.* On 31 October 2012, the mobilization and staging of Emergency Rapid Response Services (ERRS) equipment was initiated.

Site preparation activities conducted by ERRS personnel consisted of mobilizing equipment and personnel, clearing brush and trees from the load-out route, delineating work zones, and consolidating piles prior to off-site disposal.

3.3 Chronology of Removal Activities

Week of 28 May 2012

On 30 May 2012, EPA Office of Site Remediation and Restoration (OSRR) Division Director James T. Owens III signed the Action Memorandum approving the proposed removal action.

Week of 2 July 2012

On 3 July 2012, a site walk was conducted with the following personnel to gather samples for disposal analysis:

- EPA On-Scene Coordinator (OSC) Eric Vanderboom.
- ERRS Response Manager (RM) Rick Ramuglia.
- ERRS Transportation and Disposal (T&D) Coordinator Amy Riggott.

Week of 13 August 2012

On 14 August 2012, a T&D site walk was conducted with the following personnel:

- RM Rick Ramuglia.
- T&D Coordinator Amy Riggott.
- A representative from a recycling vendor.
- Representatives from American Waste Management Services, Inc. (AWMSI).

Week of 27 September 2012

On 27 September 2012, a T&D site walk was conducted with the following personnel:

- RM Chris May.
- T&D Coordinator Amy Riggott.
- A representative from Capitol Environmental.
- Representatives from AWMSI.

Week of 1 October 2012

On 4 October 2012, a supply vendor site walk for site fencing was conducted with the following personnel:

- RM Chris May.
- RM Blake McKinney.
- A representative from Global Industrial.
- Representatives from Fortune Company.

Week of 29 October 2012

Personnel on site:

OSC – EPA	Eric Vanderboom

Response Manager – Environmental Restoration (ER)	Christopher (Chris) May
Crew – ER	2 operators 1 laborer

Equipment on site: (remained the same each week unless otherwise noted)

Type	Quantity
Skid Steer Loader	1
Storage Container	1
Office Trailer	1
Portable Toilet	2
Handwash Station	1
Generator	1
Aerial Lift	1
Excavator	1
Wood Chipper	1

Activities for the week included:

- Mobilizing the crew and equipment.
- Reviewing and signing the site-specific HASP.
- Clearing tree limbs and brush along the Site's driveway to allow clear access for all vehicles.
- Inspecting building roofs and removing loose debris to prevent any overhead hazards.

For the duration of the removal action, any additional personnel that arrived on site reviewed and signed the HASP.

Week of 5 November 2012

Personnel on site:

OSC – EPA	Eric Vanderboom
START - Weston	Lauren Long
Response Manager – ER	Chris May
Crew – ER	2 operators 2 laborers

Equipment removed from site:

Type	Quantity
Wood Chipper	1
Aerial Lift	1

Activities for the week included:

- Delineating work zones.
- Establishing the command post and facilities.
- Installing silt fences for erosion control as necessary.
- Identifying and consolidating PCB waste (Piles P-4 and P-8) into one stockpile, and securing the stockpile with polyethylene sheeting.
- Preparing the site for load out of aluminum dross waste material.
- Conducting perimeter air monitoring for particulates.

Air monitoring was conducted for the duration of removal activities. Levels of particulates were logged using four personal DataRAM (pDRs) particulate monitors established at pre-determined locations along the perimeter of the site. Alarm levels were set at the site-specific HASP action level, and the data were downloaded and reviewed each day.

For the duration of the removal action, START photodocumented site activities (see Appendix B, Photodocumentation Log).

Key dates:

On 9 November 2012, all personnel temporarily demobilized from site until trucks were available for T&D.

Week of 26 November 2012

Personnel on site:

OSC – EPA	Wing Chau
START – Weston	Lauren Long
Response Manager – ER	Chris May
Crew – ER	2 operators 2 laborers

Activities for the week included:

- Conducting perimeter air monitoring for particulates.
- Transporting and disposing of the aluminum dross waste material.

A total of 53 trucks transported aluminum dross material to the Veolia ES Greentree Landfill, LLC located in Kersey, Pennsylvania (PA), and another 16 trucks transported aluminum dross material to Advanced Disposal Cumberland County Landfill located in Newburg, PA (see Appendix C, Table 1).

Key dates:

On 26 November 2012, Rob Sibley, the Town of Newtown Deputy Director of Planning and Land Use, arrived on site. He informed site personnel that the town had been notified of site activities and the increased truck traffic in the area.

Week of 3 December 2012

Personnel on site:

OSC – EPA	Dan Burgo
START – Weston	Lauren Long
Response Manager – ER	Chris May
Crew – ER	2 operators 2 laborers

Activities for the week included:

- Conducting perimeter air monitoring for particulates.
- Transporting and disposing of the aluminum dross waste material.

A total of 86 trucks transported aluminum dross material to the Veolia ES Greentree Landfill, LLC located in Kersey, PA, and another five trucks transported aluminum dross material to Advanced Disposal Cumberland County Landfill located in Newburg, PA.

Key dates:

On 7 December 2012, Rob Sibley from the Town of Newtown arrived on site with a reporter from the local newspaper, *The Newtown Bee*. Town of Newtown representatives wanted a written article to appear in the local newspaper regarding the ongoing work on site.

Week of 10 December 2012

Personnel on site:

OSC – EPA	Dan Burgo
START – Weston	Lauren Long
Response Manager – ER	Chris May
Crew – ER	2 operators 2 laborers

Activities for the week included:

- Conducting perimeter air monitoring for particulates.
- Transporting and disposing of the aluminum dross waste material.

A total of 123 trucks transported aluminum dross material to the Veolia ES Greentree Landfill, LLC located in Kersey, PA. Trucks no longer transported aluminum dross material to Advanced Disposal Cumberland County Landfill located in Newburg, PA.

Key dates:

On 14 December 2012, *The Newtown Bee* published an article regarding the continuing cleanup work at the Charles Batchelder Site.

Week of 17 December 2012

Personnel on site:

OSC – EPA	Dan Burgo
START – Weston	Lauren Long Bill Mahany
Response Manager – ER	Chris May
Crew – ER	1 operator 2 laborers

Activities for the week included:

- Conducting perimeter air monitoring for particulates.
- Transporting and disposing of the aluminum dross waste material.
- Collecting drum samples and conducting hazardous categorization (HazCat).

Fourteen samples, six of which were solid, were collected from drums that were buried within a dross pile. The samples underwent HazCat analysis to determine if the material in the drums was hazardous for disposal. The contents of most containers were determined to be non-flammable and water-soluble, with a pH of 7 or greater. Other characteristics were determined, and all information was recorded on field data sheets and provided to OSC Burgo. A total of 101 trucks transported aluminum dross material to the Veolia ES Greentree Landfill, LLC located in Kersey, PA.

Week of 24 December 2012

Personnel on site:

OSC – EPA	Dan Burgo
START – Weston	Lauren Long
Response Manager – ER	Chris May
Crew – ER	2 operators 1 laborer

Equipment on site:

Type	Quantity
Front-end Loader	1

Activities for the week included:

- Conducting perimeter air monitoring for particulates.
- Transporting and disposing of the aluminum dross waste material.
- Moving all baghouse material and staging it outside of the building in preparation for disposal.

Laboratory analysis confirmed that the baghouse material could be transported off site in the same wastestream as the aluminum dross material that was already stockpiled outside of the

buildings. A total of 33 trucks transported aluminum dross material to the Veolia ES Greentree Landfill, LLC located in Kersey, PA.

Week of 31 December 2012

Personnel on site:

OSC – EPA	Dan Burgo
START – Weston	Lauren Long
Response Manager – ER	Chris May
Crew – ER	1 operator 2 laborers

Equipment removed from site:

Type	Quantity
Front-end Loader	1

Activities for the week included:

- Conducting perimeter air monitoring for particulates.
- Transporting and disposing of the aluminum dross waste material, including the baghouse material.

A total of 54 trucks transported aluminum dross material to the Veolia ES Greentree Landfill, LLC located in Kersey, PA.

Week of 7 January 2013

Personnel on site:

OSC – EPA	Dan Burgo
START – Weston	Lauren Long
Response Manager – ER	Chris May
Crew – ER	1 operator 1 laborer

Equipment removed from site:

Type	Quantity
Skid Steer Loader	1
Storage Container	1
Office Trailer	1
Portable Toilet	2
Handwash Station	1
Generator	1
Excavator	2

Activities for the week included:

- Conducting perimeter air monitoring for particulates.
- Transporting and disposing of the aluminum dross waste material.
- Transporting and disposing of PCB-containing soil and debris.
- Repairing breaches in the Site perimeter fence.

A total of 20 trucks transported aluminum dross material to the Veolia ES Greentree Landfill, LLC located in Kersey, PA.

A total of eight trucks transported PCB-containing soil and debris to the Veolia ES Greentree Landfill, LLC located in Kersey, PA (see Appendix C, Table 2).

Key Dates:

On 8 January 2013, personnel from Addessi Fencing, LLC arrived on site to repair the Site perimeter fence in areas that were dismantled allowing access to trespassers. In addition, representatives from the town and CT DEEP arrived on site to review the conclusion of the site work.

On 10 January 2013, the drums were secured on site, and all personnel and equipment demobilized from site. After confirming the proper waste streams and arranging for a disposal facility, personnel would return to site for disposal of the drums.

Week of 12 February 2013

Personnel on site:

OSC – EPA	Mike Nalipinski
START – Weston	Ken Robinson
Response Manager – ER	Chris May
Crew – ER	1 operator 1 laborer

Equipment on site:

Type	Quantity
Skid-steer	1
Generator	1

Activities for the week included:

- Removing snow from entrances and work areas.
- Repackaging waste into salvage containers.
- Transporting and disposing of the aluminum dross waste material, including the baghouse material.
- Transporting and disposing of containers of hazardous waste.
- Demobilizing equipment and personnel.

Key Dates:

On 12 February 2013, EPA and ERRS personnel returned to site and conducted snow removal activities.

On 13 February 2013, ERRS personnel consolidated and repackaged waste materials into salvage containers for disposal.

On 14 February 2013, the following T&D activities occurred: one dump trailer containing 20 tons of aluminum dross material was transported to the Veolia ES Greentree Landfill, LLC located in Kersey, PA; a total of 16 containers of hazardous waste were transported to the Tradebe Treatment and Recycling of Bridgeport, LLC facility located in Bridgeport, Connecticut; and a total of two containers of hazardous waste were transported to the Norlite, LLC facility located in Cohoes, New York (see Appendix C, Table 3).

On 14 February 2013, all removal activities were completed. All personnel and equipment were demobilized from the site.

4.0 ESTIMATED COSTS OF THE REMOVAL ACTION

EPA resources committed under this Removal Action are summarized below:

Cost Category	Ceiling	Costs Incurred	Remainder
Regional Removal Allowance Costs			
ERRS	**$1,400,000**	**$1,259,988**	**$140,012**
Other Extramural Costs Not Funded from the Regional Allowance			
START Contractor	**$102,000**	**$73,424**	**$28,576**
Extramural Contingency (20%)	**$300,400**	**$0**	**$300,400**
Total Removal Project Costs	**$1,802,400**	**$1,333,412**	**$468,988**

This accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

REFERENCES

[1] U.S. Geological Survey (USGS). 1985. Botsford, Long Hill, Newtown, and Southbury, Connecticut. (7.5-minute series topographic map).

[2] Weston Solutions, Inc. 2000. *Final Site Inspection Prioritization Report, Charles Batchelder Company, Newtown, Connecticut, CERCLIS No. CTD981069180, TDD No. 00-05-0012.* 14 June.

[3] Microsoft Corporation. 2010. Bing Maps Aerial.

[4] Weston Solutions, Inc. 1997. *Chronological Summary Report for the Charles Batchelder Site, Newtown, Connecticut, 11 June through 16 October 1997.* November.

[5] Weston Solutions, Inc. May 2011. Standard Operating Procedure for PID-MultiRAE. (Multi-gas Monitor with VOC Detection and LEL) RAE Model PGM-50 Multi-Gas Monitor (MultiRAE), SOP No. WSI/S3-018, Superfund Technical Assessment and Response Team III (START), Andover, MA.

[6] Weston Solutions, Inc. May 2011. Standard Operating Procedure for Ludlum Model 19 Micro R Meter, SOP No. WSI/S3-022, Superfund Technical Assessment and Response Team III (START), Andover, MA.

[7] Weston Solutions, Inc. May 2011. Standard Operating Procedure for Surface and Subsurface Soil Sampling, SOP No. WSI/S3-001, Superfund Technical Assessment and Response Team III (START), Andover, MA.

[8] Weston Solutions, Inc. May 2011. Standard Operating Procedure for Trimble™ GeoExplorer® 2008 Series Global Positioning System, SOP No. WSI/S3-020, Superfund Technical Assessment and Response Team III (START), Andover, MA.

Appendices

Appendix A

Figures

Figure 1 - Site Location Map
Figure 2 - Site Map

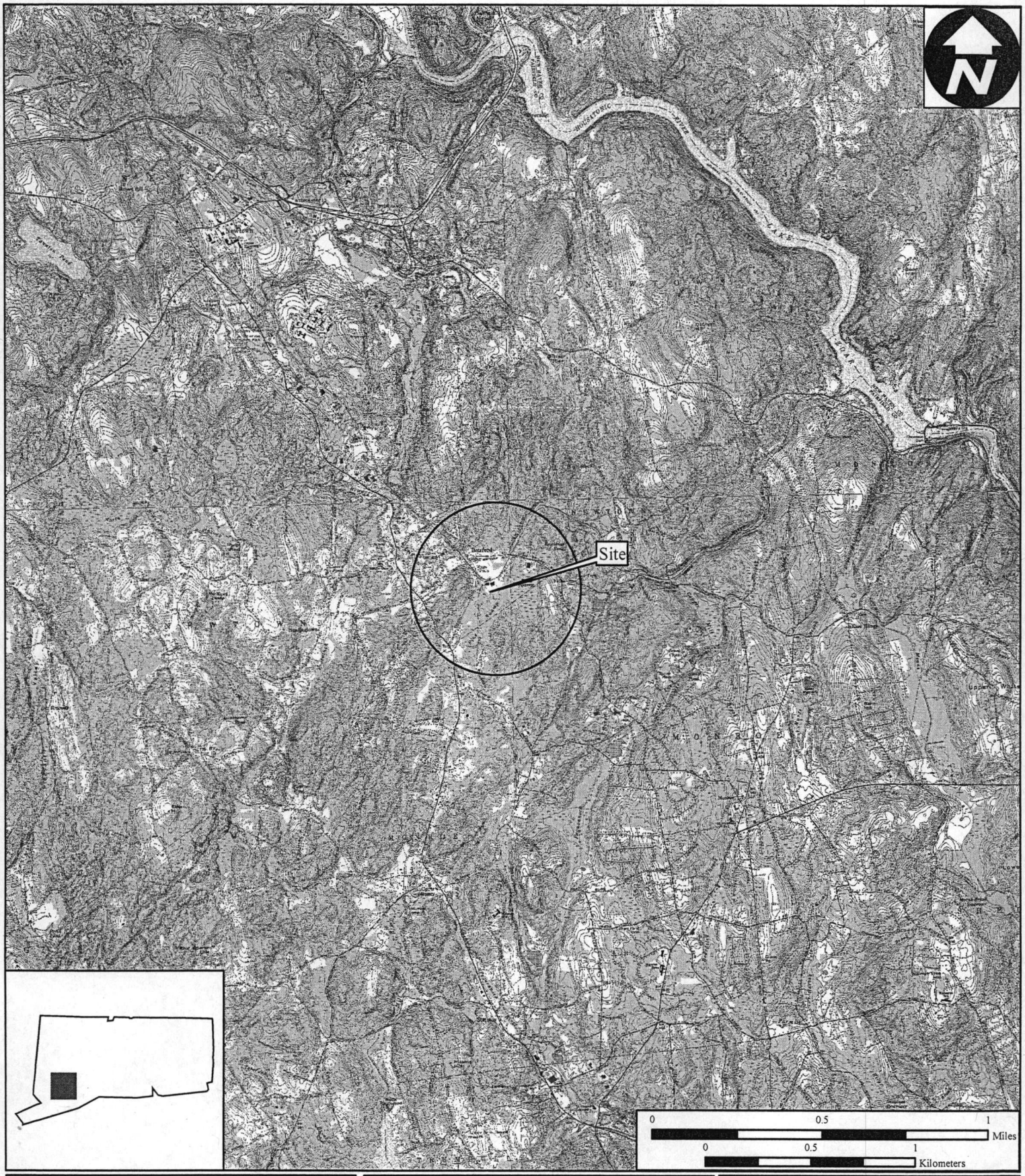

Figure 1

Site Location Map

Charles Batchelder Site
46a Swamp Road
Newtown, Connecticut

EPA Region I
Superfund Technical Assessment and Response Team (START) III
Contract No. EP-W-05-042

TDD Number:	12-05-0010
Created by:	B. Mace
Created on:	9 May 2012
Modified by:	C. Dupree
Modified on:	18 January 2013

Data Sources:
Topos: MicroPath/USGS
Quadrangle Names: Botsford, Long Hill, Newtown, and Southbury, CT
All other data: START

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Figure 2

Site Map

Charles Batchelder Site
46a Swamp Road
Newtown, Connecticut

EPA Region I
Superfund Technical Assessment and Response Team (START) III
Contract No. EP-W-05-042

TDD Number:	12-05-0010
Created by:	B. Mace
Created on:	19 April 2012
Modified by:	C. Dupree
Modified on:	18 January 2013

LEGEND

Approximate Site Boundary

N

0 150 300

Feet

Data Sources:

Imagery: Bing Maps Aerial (Microsoft Corp)
Topos: MicroPath
All other data: START

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Appendix B

Photodocumentation Log

PHOTODOCUMENTATION LOG
Charles Batchelder Site • Newtown, Connecticut

SCENE: View of baghouse material stockpiled in an area that was once part of a building. Photograph taken facing north.

DATE: 6 November 2012 **TIME:** 1446 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the largest stockpile on site containing aluminum dross material. Photograph taken facing southeast.

DATE: 7 November 2012 **TIME:** 0744 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of one of the personal DataRAM (pDR) monitors that measured particulate levels in the air at a station established west of the large stockpile. Photograph taken facing west.
DATE: 7 November 2012 **TIME:** 0755 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of one of the pDRs that measured particulate levels at a station established north of the large stockpile. Photograph taken facing southeast.
DATE: 26 November 2012 **TIME:** 1448 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of an excavator loading a tractor trailer truck with aluminum dross material for off-site disposal. Photograph taken facing southeast.
DATE: 27 November 2012 **TIME:** 0725 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of a drum that was discovered during excavation of the dross material stockpile. Photograph taken facing southeast.
DATE: 11 December 2012 **TIME:** 1616 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of one of the pDR monitors that measured particulate levels at a station established east of the large stockpile. Photograph taken facing northwest.
DATE: 13 December 2012 **TIME:** 0705 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the drums that were uncovered during excavation of the aluminum dross material stockpile. Photograph taken facing southeast.
DATE: 19 December 2012 **TIME:** 1240 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the area that previously contained the largest aluminum dross material stockpile on site. The material was transported to an off-site disposal facility. Photograph taken facing southeast.
DATE: 26 December 2012 **TIME:** 1339 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of another stockpile of aluminum dross material. Photograph taken facing northeast.

DATE: 28 December 2012 **TIME:** 0705 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of a stockpile containing baghouse and aluminum dross material. Photograph taken facing west.

DATE: 3 January 2013 **TIME:** 1605 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the polychlorinated biphenyl (PCB) soil and debris stockpile on site. Photograph taken facing southeast.

DATE: 4 January 2013 **TIME:** 1331 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the former location of the stockpile of baghouse and aluminum dross material that was transported off site for disposal. Photograph taken facing west.
DATE: 4 January 2013 **TIME:** 1332 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the former location of the second stockpile of aluminum dross material that was transported off site for disposal. Photograph taken facing northeast.
DATE: 8 January 2013 **TIME:** 1102 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the former location of the baghouse material stockpile that was transported off site for disposal. Photograph taken facing north.
DATE: 8 January 2013 **TIME:** 1416 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

SCENE: View of the former location of the PCB soil and debris stockpile that was transported off site for disposal. Photograph taken facing southeast.
DATE: 9 January 2013 **TIME:** 1513 hours
PHOTOGRAPHER: L. Long **CAMERA:** iPhone 4S

Appendix C

Waste Disposal Summary Tables

Table 1 – Aluminum Dross Residue Disposal Summary Table

Table 2 – Polychlorinated Biphenyl Soil and Debris Disposal Summary Table

Table 3 – Hazardous Waste Disposal Summary Table

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
11/27/2012	001	Kephart	15	K4860	19.39
	002	Roaring Run	18	28	25.61
	003	Roaring Run	104	16	25.87
	004	Roaring Run	21	422	27.72
	005	Kephart	575	K5100	25.01
	006	Kephart	579	K5080	22.51
	007	Kephart	567	K9350	23.07
	008	Gleim	TRD-19	---	21.61
	009	Gleim	TRD-20	---	20.75
	010	Gleim	TRD-21	---	21.36
	011	Gleim	TRD-15	---	20.78
	012	Gleim	TRD-14	---	22.42
11/28/2012	013	Kephart	15	TP618	28.09
	014	Roaring Run	104	16	24.73
	015	Roaring Run	21	322	25.37
	016	Roaring Run	123	17	28.93
	017	Roaring Run	18	28	24.22
11/29/2012	018	Kephart	579	K5080	21.57
	019	Kephart	500	---	22.06
	020	Kephart	510	---	23.63
	021	Kephart	575	K4720	24.89
	022	Kephart	576	K3980	23.53
	023	Kephart	416	K5100	25.89
	024	Kephart	567	K4360	24.72
	026	Kephart	572	K8140	21.9
	027	Roaring Run	100	26	22.71
	028	Roaring Run	107	31	24.52
	029	Gleim	TRD-19	---	23.19
	030	Gleim	TRD-20	---	24.5
	031	Gleim	TRD-21	---	22.22
	034	Gleim	TRD-15	---	21.26
11/30/2012	032	Gleim	TRD-24	---	20.74
	033	Gleim	TRD-14	---	21.6
	035	Kephart	583	K5590	22.95
	036	Kephart	566	K9240	25.26
	037	Kephart	409	K9260	25.21
	038	Kephart	573	K9170	21.87
	039	Kephart	574	K9090	25.14
	040	Roaring Run	18	28	26.06
	041	Roaring Run	104	16	24.85

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
11/30/2012 (cont.)	042	Roaring Run	21	322	26.58
	043	Roaring Run	123	17	22.67
	044	Kephart	347	K8100	23.33
	045	Kephart	500	---	23.78
	046	Kephart	510	---	23.36
	047	Kephart	15	K5080	23.5
	048	Kephart	564	K3980	26.56
	049	Kephart	416	K8140	24.81
	050	Kephart	412	K4010	25.15
	051	Gleim	TRD-19	---	25.34
	052	Gleim	TRD-20	---	23.3
	053	Gleim	TRD-21	---	23.17
	054	Gleim	TRD-23	---	20.74
	055	Roaring Run	100	26	24.34
	056	Roaring Run	107	31	24.41
	057	Gleim	TRD-15	---	22.97
12/1/2012	025	Kephart	347	K8200	21.5
	058	Kephart	583	K5260	22.35
	059	Kephart	566	K5100	23.91
	060	Kephart	409	K3750	25.71
	061	Kephart	569	K9410	25.6
	063	Kephart	579	K4360	21.76
	064	Kephart	572	K9350	22.96
	065	Kephart	510	---	21.23
	066	Kephart	500	---	17.88
	067	Kephart	564	K9240	24.62
	068	Kephart	576	K9260	20.95
	069	Kephart	347	K8140	22.74
12/3/2012	062	Kephart	567	K4720	25.73
	070	Roaring Run	21	322	22.94
	071	Roaring Run	18	28	25.82
	072	Roaring Run	100	26	26.13
	073	Roaring Run	107	31	24.29
	074	Gleim	TRD-19	---	23
	075	Gleim	TRD-20	---	20.37
	076	Gleim	TRD-21	---	24.15
	077	Gleim	TRD-15	---	23.06
	078	Gleim	TRD-14	---	22.69

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/4/2012	079	Kephart	464	K5260	25.59
	080	Kephart	574	K9210	25.2
	081	Kephart	412	K5590	24.94
	082	Kephart	409	K8200	25.03
	083	Kephart	569	K9340	22.56
	084	Kephart	35	K5100	21.33
	085	Kephart	510	---	23.57
	086	Roaring Run	123	28	23.42
	087	Kephart	567	K9300	23.3
	088	Kephart	577	K5080	22.83
	089	Kephart	578	K4010	22.8
	090	Kephart	576	K4720	21.59
	091	Kephart	564	K8100	22.25
	092	Roaring Run	18	28	27.91
	093	Roaring Run	21	322	25.55
	094	Roaring Run	104	16	25.91
	095	Kephart	409	K9400	25.07
12/5/2012	096	Kephart	P583	K8140	25.22
	097	Kephart	573	K4340	26.21
	098	Kephart	574	K9410	23.48
	099	Kephart	575	K4720	24.91
	100	Kephart	413	K8100	24.62
	101	Kephart	35	K5100	24.16
	102	Kephart	347	K8200	27.38
	103	Kephart	464	K9240	23.32
	104	Roaring Run	100	26	24.48
	105	Roaring Run	107	21	24.47
	106	Kephart	416	K5260	33.61
	107	Roaring Run	21	322	25.15
	108	Roaring Run	18	28	27.47
12/6/2012	109	Kephart	583	K9300	24.25
	110	Kephart	409	K9400	21.99
	111	Kephart	577	K9140	22.92
	112	Kephart	578	K3750	23.88
	113	Kephart	413	K3980	23.85
	114	Kephart	579	K9280	23.66
	115	Kephart	464	K5590	23.83
	116	Kephart	587	K9260	21.84
	118	Kephart	576	K9240	20.9
	119	Kephart	35	K5100	27.46

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/6/2012 (cont.)	120	Kephart	347	K8140	27.16
	121	Roaring Run	104	16	25.72
	122	Roaring Run	18	28	26.56
	123	Roaring Run	21	322	24.63
	124	Roaring Run	100	26	23.2
	125	Roaring Run	107	31	24.67
12/7/2012	117	Kephart	586	K8180	22.33
	126	Kephart	583	K8100	23.36
	127	Kephart	355	K9410	26.62
	128	Kephart	409	K4210	23.63
	129	Roaring Run	123	17	22.86
	130	Kephart	575	K8200	23.45
	131	Kephart	586	K4340	23.26
	132	Kephart	413	K8470	23.17
	133	Kephart	587	K9180	25.78
	134	Kephart	573	K8650	23.25
	135	Kephart	35	K5100	26.91
	136	Kephart	353	K9360	22.32
	137	Kephart	560	K5250	22.04
	138	Kephart	416	K5080	23.1
	139	Kephart	567	K3980	23.83
	140	Kephart	347	K9140	21.48
	141	Kephart	583	K3750	25.5
	142	Roaring Run	18	28	26.03
	143	Roaring Run	21	322	25.2
	144	Kephart	355	K9280	22.27
	145	Kephart	583	629	21.28
12/8/2012	146	Roaring Run	100	26	24.81
	147	Roaring Run	107	31	24.33
	148	Kephart	577	K4590	24.16
	149	Roaring Run	104	16	24.75
	151	Kephart	464	TP619	24
	152	Kephart	579	K4010	23.86
	154	Kephart	347	K4340	23.14
	155A	Kephart	587	K9410	22.96
	155B	Kephart	589	K5590	23.8
	156	Kephart	585	K8180	21.75
	157	Kephart	569	K8700	26.4
	158	Kephart	578	K8140	21.78
	159	Kephart	576	K4210	23.04

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/10/2012	150	Kephart	409	K4770	24.4
	153	Kephart	35	K5100	20.07
	161	Roaring Run	123	17	22.7
	162	Roaring Run	119	12	20.8
	163	Roaring Run	18	28	26.48
	164	Roaring Run	21	322	24.92
	165	Roaring Run	25	25	25.98
	167	Kephart	353	K8140	24.63
	169	Kephart	102	K5250	22.48
	173	Kephart	585	K4010	24.7
12/11/2012	160	Kephart	104	K8100	24.9
	166	Kephart	464	619	26.22
	168	Kephart	583	K9100	23.2
	170	Kephart	130	K5260	26.24
	171	Kephart	81	TP629	21.62
	172	Kephart	574	K3750	25.37
	174	Kephart	88	K9280	24.22
	175	Kephart	409	K8470	20.13
	176	Kephart	569	K8200	24.46
	177	Kephart	413	K9360	22.75
	178	Kephart	573	K9290	23.84
	179	Kephart	586	K8180	25.92
	180	Kephart	575	K9340	25.19
	181	Kephart	587	K4240	24.57
	182	Kephart	567	K8650	22.15
	183	Kephart	577	K9410	25.21
	184	Kephart	416	K4590	23.61
	185	Kephart	347	K4340	23.63
	186	Kephart	500	---	22.9
	187	Roaring Run	100	26	24.56
	188	Roaring Run	107	31	26.28
	189	Kephart	35	K5100	26.69
	190	Kephart	333	K8140	24.17
	191	Kephart	102	K5590	24.91
	192	Roaring Run	104	16	25.7
	193	Kephart	25	---	18.12
	194	Kephart	24	---	19.83
	195	Kephart	23	---	22.85
	197	Kephart	583	K5250	22.48

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/12/2012	196	Kephart	598	K8590	21.48
	198	Kephart	409	K9180	23.34
	199	Kephart	569	K9120	24.71
	200	Kephart	574	K9080	24.66
	201	Roaring Run	119	12	24.08
	202	Roaring Run	123	17	22.68
	203	Roaring Run	21	322	24.95
	204	Roaring Run	18	28	25.67
	205	Roaring Run	25	25	23.91
	206	Kephart	88	K9280	23.94
	207	Kephart	464	TP619	24.97
	208	Kephart	583	K9100	21.08
	209	Kephart	35	K5100	25.61
	210	Kephart	104	K8100	23.81
	211	Kephart	579	K8200	22.93
	212	Kephart	587	K4340	24.67
	213	Kephart	572	K8180	24.44
	214	Kephart	574	K4590	25.64
	215	Kephart	130	K5260	21.76
	216	Kephart	347	K9410	29.7
	217	Kephart	578	K9360	27.17
	218	Roaring Run	100	26	23.82
	219	Roaring Run	107	31	25.65
	220	Kephart	102	K5590	25.35
	222	Kephart	583	K3750	21.27
12/13/2012	221	Kephart	333	K8140	24.35
	223	Kephart	409	K9300	22.86
	224	Kephart	569	K4010	26.23
	225	Kephart	373	K9400	22.67
	226	Kephart	586	K9070	23.04
	227	Kephart	575	K5250	24.95
	228	Kephart	464	TP629	24.02
	230A	Kephart	35	K5100	27.08
	230B	Roaring Run	104	16	28.7
	231	Kephart	130	K5260	18.03
	232	Kephart	588	K9080	19.29
	233	Kephart	577	K9350	19.96
	235A	Kephart	567	K9090	23.33
	235B	Kephart	416	K8650	21.33
	236	Kephart	88	K9410	21.42

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/13/2012 (cont.)	237	Kephart	589	K4340	25.05
	238	Kephart	347	K9250	17.83
	239	Roaring Run	25	25	24.87
	240	Roaring Run	21	322	24.48
	241	Roaring Run	18	28	26.14
	242	Kephart	102	K5590	22.13
	243	Roaring Run	123	17	22.2
	244	Roaring Run	119	12	22.59
	245	Kephart	104	K8100	22.12
	247	Roaring Run	100	26	23.02
	248	Roaring Run	107	31	24.64
12/14/2012	249	Kephart	409	K3750	21.51
	250	Kephart	566	K4210	22.64
	251	Kephart	579	K5200	24.72
	252	Kephart	578	K4720	23.88
	253	Kephart	130	K5260	21.98
	254	Kephart	583	K8180	23.82
	255	Kephart	412	K9360	24.87
	257	Kephart	88	K9410	20.88
	260	Roaring Run	107	31	24.49
12/15/2012	256	Kephart	35	K5100	28.27
	258	Kephart	102	K5590	27.05
	259	Roaring Run	100	26	26
	246	Kephart	583	K9100	22.74
	261	Kephart	583	TP-629	22.48
	262	Kephart	409	K4340	24.35
	263	Kephart	573	K4010	22.48
	264	Roaring Run	123	17	22.65
	265	Roaring Run	119	LF12	25.04
	266	Roaring Run	25	25	25.27
	267	Roaring Run	18	28	30.06
	268	Kephart	569	TP-619	21.82
	270	Kephart	575	K5950	24.69
	271	Roaring Run	104	16	24.4
	272	Kephart	571	K4590	22.92
	273	Kephart	333	K8140	22.9
	274	Kephart	130	K5260	25.79
	275	Kephart	587	K9400	22.6
	276	Kephart	588	K9150	19.39
	278	Kephart	572	K3750	26.97

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/15/2012 (cont.)	280	Kephart	88	K9410	23.46
	281	Kephart	589	K9210	28.9
	282	Kephart	576	K8180	25.73
12/17/2012	269	Kephart	586	K9080	24.3
	277	Kephart	347	K4210	24.66
	279	Kephart	109	K8100	27.01
	283	Kephart	333	K8140	23.9
	284	Roaring Run	114	12	24.34
	285	Roaring Run	123	17	22.57
12/18/2012	286	Kephart	566	TP-629	24.45
	287	Kephart	574	K9410	25.47
	288	Kephart	409	K4710	20.06
	289	Kephart	569	K5260	20.65
	290	Kephart	15	K9170	23.56
	291	Kephart	35	K5100	25.82
	292	Kephart	412	K9400	26.24
	293	Kephart	573	K9360	23.71
	294	Kephart	511	K8180	25.15
	295	Roaring Run	25	25	28.11
	296	Roaring Run	21	322	26.19
	297	Kephart	578	K4590	25.11
	298	Kephart	579	K3750	24.11
	299	Kephart	587	K4340	26.21
	300	Roaring Run	104	16	25.97
	301	Kephart	572	K4010	26.19
	302	Kephart	347	K9090	15.83
	303	Kephart	589	K5080	20.47
	304	Roaring Run	100	26	22.95
	305	Roaring Run	107	31	24.19
	306	Kephart	576	K5200	23.05
	307	Kephart	333	K8140	23.95
12/19/2012	308	Kephart	574	K4210	23.68
	309	Kephart	588	K5590	23.16
	310	Kephart	569	K8100	22.65
	311	Kephart	566	K8590	22.59
	312	Kephart	575	K8650	23.59
	313	Roaring Run	123	17	23.4
	314	Roaring Run	119	12	21.1
	315	Kephart	567	K4340	24.1
	316	Kephart	586	K9350	23.4

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/19/2012 (cont.)	317	Kephart	35	K5080	22.9
	318	Kephart	15	K5200	18.52
	319	Kephart	576	K5250	25.21
	320	Kephart	347	K9400	22.45
	321	Kephart	412	K9070	24.35
	322	Kephart	587	K9410	21.25
	323	Roaring Run	100	26	22.54
	324	Roaring Run	107	31	23.8
	325	Roaring Run	25	25	22.77
	326	Roaring Run	21	322	25.2
	327	Roaring Run	104	16	23.24
	329	Kephart	333	K8410	22.63
	330	Roaring Run	28	18	25.35
12/20/2012	328	Kephart	574	K4710	22.99
	331	Kephart	588	K4380	23.67
	332	Kephart	569	TP-629	22.23
	333	Kephart	412	K3750	24.86
	334	Kephart	587	TP-619	22.97
	335	Kephart	577	K4010	24.39
	336	Kephart	579	K8200	24.21
	337	Kephart	578	K4340	22.31
	338	Kephart	35	K5080	19.82
	339	Kephart	15	K5200	22.07
	340	Kephart	A210	---	26.33
	341	Kephart	347	K9400	23.65
	342	Kephart	589	K8100	24.6
	343	Roaring Run	119	12	22.85
	344	Roaring Run	123	17	22.97
	345	Roaring Run	18	28	23.77
	346	Roaring Run	21	322	25.57
	347	Kephart	333	K8140	24.58
	348	Kephart	583	K4720	23.58
	349	Roaring Run	100	26	23.84
	350	Roaring Run	107	31	24.29
12/21/2012	351	Kephart	588	K5260	23.6
	352	Roaring Run	25	25	26.13
	353	Kephart	573	K9140	27.02
	354	Kephart	575	K9100	25.81
	355	Kephart	578	K4710	24.79
	356	Kephart	584	K9360	24.88

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/21/2012 (cont.)	357	Kephart	567	K9410	27.03
	358	Roaring Run	104	16	25.95
	359	Kephart	35	K5080	24.59
	360	Kephart	A210	---	25.37
	361	Kephart	15	K5200	22.81
	362	Kephart	347	K9400	24.84
	363	Kephart	587	K8160	22.43
	364	Kephart	589	K5250	24.63
	365	Kephart		K4010	27.55
	366	Roaring Run	18	28	28.79
	367	Roaring Run	21	322	26.4
	368	Kephart	583	K8100	24.25
12/22/2012	369	Kephart	569	K5100	22.35
	370	Kephart	588	K8200	22.86
	371	Kephart	566	K4300	24.28
	372	Kephart	333	K8140	24.25
	373	Kephart	587	K4720	24.29
	374	Kephart	577	K3750	24.3
	375	Kephart	579	K5270	22.51
	376	Roaring Run	123	17	23.7
	378	Roaring Run	107	31	25.74
	379	Roaring Run	100	26	23.58
	380	Kephart	576	K5250	27.36
	382	Kephart	572	K5360	27.52
	383	Kephart	564	K8590	23.73
12/24/2012	377	Roaring Run	119	12	24.4
	381	Kephart	347	K4910	25.51
12/26/2012	384	Kephart	102	K5360	27.56
	385	Kephart	88	K4410	25.44
	386	Roaring Run	119	12	23.96
	388	Kephart	131	K9400	23.75
	389	Roaring Run	123	17	21.91
12/27/2012	387	Kephart	104	K8100	25.39
	390	Kephart	577	K4340	25.06
	391	Kephart	25	K5200	27.6
	392	Kephart	35	K5080	22.23
	393	Kephart	578	K9190	24.4
	394	Kephart	579	K4380	22.89
	395	Roaring Run	25	25	25.33
	396	Kephart	572	K5250	26.93

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
12/27/2012 (cont.)	397	Kephart	347	K5590	26.62
	398	Kephart	130	K8160	25.36
	399A	Kephart	101	K9290	18.55
	399B	Kephart	102	K5360	22.13
	400	Kephart	88	K4710	22.33
12/28/2012	401	Kephart	131	K9400	26.73
	402	Kephart	130	K8160	25.15
	403	Roaring Run	123	17	21.38
	404	Roaring Run	119	12	23.1
	405	Kephart	102	K5360	22.04
	406	Kephart	88	K4710	24.04
	407	Kephart	101	K8180	24.41
	408	Kephart	333	K4240	24.15
12/29/2012	409	Roaring Run	21	322	27.35
	410	Kephart	347	K9090	25.13
	411	Kephart	576	K8590	23.87
	412	Kephart	130	K8160	22.81
	413	Kephart	131	K9400	20.98
	415	Kephart	104	K8100	22.39
12/31/2012	414	Kephart	587	K8140	23.38
1/2/2013	416	Roaring Run	119	12	22.99
	417	Roaring Run	123	17	22.68
	418	Kephart	333	K9340	25.53
1/3/2013	419	Kephart	15	K5200	21.71
	420	Kephart	35	K5080	24.13
	421	Kephart	23	---	18.58
	422	Price	007	1850	29.34
	423	Price	9200	2500	27.64
	424	Price	13800	2200	25.49
	425	Kephart	567	K9150	20.13
	426	Kephart	574	K9310	24.1
	427	Roaring Run	21	322	24.59
	428	Roaring Run	25	25	25.44
	429	Price	8200	2250	31.36
	430	Roaring Run	104	16	25.34
	431	Roaring Run	107	31	24.57
	432	Kephart	579	K8180	22.03
	433	Kephart	572	K8140	23.22
	434	Kephart	577	K4210	22.49
	435	Price	12000	1900	31.25
	436	Kephart	333	K9340	23.21

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
1/4/2013	437	Kephart	347	K5050	20.37
	438	Kephart	573	K9400	23.3
	439	Roaring Run	119	12	23.48
	440	Roaring Run	123	17	22.95
	441	Kephart	586	K8160	24.12
	442	Kephart	575	K9410	24.11
	444	Kephart	23	---	24.03
	445	Price	9200	2500	30.1
	446	Price	007	1850	28.16
	447	Kephart	15	K5200	25.05
	448	Price	13800	2200	28.16
	449	Kephart	589	K5360	19.84
	450	Kephart	576	K4010	27.7
	451	Roaring Run	21	322	25.58
	453	Roaring Run	107	35	24.98
	454	Roaring Run	25	25	23.58
	455	Kephart	333	K9340	24.51
1/5/2013	443	Kephart	587	TP-542	21.58
	452	Roaring Run	104	16	25.64
	456	Price	12000	1900	26.54
	457	Kephart	35	K5080	22.63
	459	Kephart	587	K4720	24.71
	460	Kephart	574	K4380	26.1
	461	Kephart	23	---	24.18
	462	Kephart	7	---	24.04
	463	Kephart	567	K3930	23.1
	464	Kephart	15	K5200	30.46
	465	Kephart	579	K5360	24.38
	466	Kephart	572	K9250	22.29
	468	Kephart	576	K4010	25.59
	469	Kephart	347	K5050	32.07
1/7/2013	458	Kephart	577	K9360	21.81
	470	Kephart	102	K4380	25.53
	471	Kephart	515	K9410	27.06
	472	Kephart	347	K5050	24.5
	473	Kephart	101	K9400	26.74
1/8/2013	467	Kephart	589	TP-629	23.36
	474	Kephart	25	K5080	24.04
	475	Kephart	15	K5200	20.17
	476	Kephart	23	---	23.83

TABLE 1

ALUMINUM DROSS RESIDUE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
1/8/2013 (cont.)	477	Kephart	586	K5220	24.69
	478	Kephart	575	K8200	22.73
	479	Roaring Run	123	17	23.06
	480	Roaring Run	119	12	23.89
	481	Roaring Run	21	322	27.29
	482	Roaring Run	18	28	30.91
	483	Roaring Run	25	25	26.76
	484	Kephart	576	K3980	23.94
	485	Kephart	567	K5360	23.9
	486	Kephart	587	K9290	26.5
	487	Kephart	564	K4410	25.96
	488	Roaring Run	104	16	26.38
	489	Roaring Run	107	31	24.47
2/14/2013	N/A	SRS			20
				Total Aluminum Dross Residue:	**11842.58**
				Total Amount Transported to Kersey, PA:	11373.36
				Total Amount Transported to Newburg, PA:	469.22

NOTES:

No. = Number. cont. = continued. * = estimated.

--- = Transported by a tri-axle truck; therefore, did not have a separate trailer number.

Kephart = Kephart Trucking Company of Bigler, Pennsylvania (PA).

Roaring Run = Roaring Run Trucking Company Inc. of Bigler, PA.

Gleim = John W. Gleim Excavating of Carlisle, PA.

Price = Price Trucking Corporation of Buffalo, New York.

SRS = SRS National Trucking of Plantsville, Connecticut.

Gleim transported material to Advanced Disposal Cumberland County Landfill in Newburg, PA.

All others transported material to Veolia ES Greentree Landfill, LLC in Kersey, PA.

DOT = Department of Transportation.

RCRA = Resource Conservation and Recovery Act.

TABLE 2

POLYCHLORINATED BIPHENYL SOIL AND DEBRIS DISPOSAL SUMMARY TABLE

Date	Manifest No.	Transporter	Truck No.	Trailer No.	Weight (Tons)
1/9/2013	001	Kephart	578	K4210	24.04
1/9/2013	002	Kephart	347	K5050	22.54
1/10/2013	003	Price	13000	2100	21.03
1/10/2013	004	Kephart	587	K5250	26.81
1/10/2013	005	Kephart	576	K9330	23.72
1/10/2013	006	Kephart	564	K8140	26.3
1/10/2013	007	Price	12000	2300	35.42
1/10/2013	008	Kephart	598	K3750	17.59
				Total Aluminum Dross Residue:	**197.45**

NOTES:
No. = Number.
Kephart = Kephart Trucking Company of Bigler, Pennsylvania (PA).
Price = Price Trucking Corporation of Buffalo, New York.
All material was transported to Veolia ES Greentree Landfill, LLC in Kersey, PA.
TSCA = Toxic Substances Control Act.
This table presents Non-TSCA-regulated material.

TABLE 3

HAZARDOUS WASTE DISPOSAL SUMMARY TABLE

Date	Manifest No.	Description	No.	Container Type	Weight (pounds)	Facility
2/14/2013	011144596JJK	Waste Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide, Potassium Hydroxide)	2	DF	65	Tradebe Treatment & Recycling, LLC 50 Cross Street Bridgeport, CT
		Waste, Environmentally Hazardous Substances, Liquid, N.O.S. (Chromium, Cadmium)	4	DF	2,000	
		Waste, Environmentally Hazardous Substances, Liquid, N.O.S. (Cadmium)	2	DM	1,100	
		Waste, Environmentally Hazardous Substances, Liquid, N.O.S. (Silver)	1	DM	200	
2/14/2013	011144597JJK	Waste, Environmentally Hazardous Substances, Liquid, N.O.S. (Chromium)	4	DM	1,600	Tradebe Treatment & Recycling, LLC 50 Cross Street Bridgeport, CT
		Waste, Environmentally Hazardous Substances, Liquid, N.O.S. (Chromium, Cadmium)	2	DM	1,000	
2/14/2013	011144600JJK	Waste, Combustible Liquid, N.O.S. (Selenium, Petroleum Distillates)	2	DF	70	Norlite, LLC 628 South Saratoga Street Cohoes, NY

No. = Number.
PA = Pennsylvania.
NY = New York.
CT = Connecticut.

N.O.S. = Not Otherwise Specified.
DF = Fiberboard or plastic drums, barrels, kegs.
DM = Metal drums, barrel, kegs.