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**REMEDIAL ACTION PLAN  
FOR FACILITY DEMOLITION**

Former Wabash Alloys, Oak Creek, WI

October 2, 2012



ENVIRONMENTAL CONSULTANTS

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**REMEDIAL ACTION PLAN  
FOR  
FACILITY DEMOLITION**

**FORMER WABASH ALLOYS  
9100 S. 5th AVENUE  
OAK CREEK, WISCONSIN**

**Project No. 2095**

**Prepared By:**

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**October 2, 2012**

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# EXECUTIVE SUMMARY

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This Facility Demolition Remedial Action Plan (RAP) addresses the former Wabash Alloys aluminum recycling facility located at 9100 S. 5th Avenue in the City of Oak Creek, Wisconsin (Figure 1). The former Wabash Alloys plant was most recently used as a secondary aluminum smelting facility and is located on the east side of 5th Avenue, west of Lake Michigan (Figure 2). This RAP includes a discussion of facility assessment findings and a remedial action plan for decommissioning and demolishing the facility.

The building has been vacant since 2001. Much of the aluminum processing equipment remains in and around the building and includes conveyors, crusher, dryers, furnaces, baghouses and ladles. RMT conducted a Phase II Environmental Site Assessment (ESA) at the facility in 2010. NRT performed additional data collection in May to July 2012 to supplement the data collected by RMT in order to recommend remedial actions for the building and facility. The following briefly summarizes the results of waste characterization and plans for waste stream management:

- Water has accumulated in sumps, pits and tanks in the building. The liquids contain organic and inorganic constituents including PCBs, lead, and mercury at levels that allow for solidification and disposal as special waste or on-site treatment and discharge to the sanitary sewer (Figure 7). Used oil in a small AST inside the furnace room has been characterized as non-hazardous and non-PCB containing and can undergo fuel blending.
- Dust is prevalent throughout the building. A composite sample of the material showed elevated concentrations of metals but well below the TCLP limits. PCBs are found at variable concentrations in dust samples (Figure 6) and asbestos is suspected to be present in areas where asbestos building materials have deteriorated. Dust will be disposed at a solid waste landfill.
- General waste materials, fiberglass siding, and recyclable equipment are located on the ground surface on the east end of the property. These materials will be characterized, segregated to the extent practical, removed and recycled or disposed.
- PCBs are present in the concrete floor, primarily in the furnace room, crusher room and machine shop (Figure 4). The source of PCBs is suspected to be primarily PCB-containing dust, and to a lesser extent, PCB oils, where the floor was most heavily damaged by transport of ladles containing molten aluminum. Depending on the area, floors will be subjected to industrial vacuuming, scarification, encapsulation, and capping as shown on Figure 9. A small sub-area of the floor will be removed and disposed as TSCA waste. Floor areas with residual PCB concentrations greater than 1 mg/kg will be capped with a 10-inch general fill soil cover.
- Non-porous surfaces and equipment will be cleaned by both vacuum and wet removal methods to remove PCB dust and oils.

- Several different colored paints found on concrete and steel were analyzed for PCBs. Only the loose white paint removed from concrete will require management as TSCA waste. White-painted concrete will be disposed as bulk PCB product waste at a solid waste landfill. Gray paint removed from concrete is non-PCB based on analysis of the paint chips (less than 50 mg/kg PCBs). Analysis of the gray paint with concrete showed no detectable PCBs; as a result, the gray-painted concrete will be recycled and re-used as fill on-site.
- Furnace slag and refractory is not asbestos containing and contains lead below the TCLP limit. Slag and refractory will be removed from equipment and disposed as special waste.
- An asbestos survey (PARSS 2009) was completed for the building (Appendix B) and NRT collected additional samples of various suspect materials (Figure 8, Appendix G). Asbestos-containing material (ACM) was found in the floor tile and mastic, roofing tar, window glaze, tank jacketing, pipe insulation, ceiling tiles, and Transite and Galbestos siding and roofing. ACM will be removed prior to demolition and disposed as regulated asbestos containing material (RACM).
- Mercury-containing equipment and lighting ballasts are present throughout the building. There is also some electrical equipment that may also contain PCBs. These materials will be removed and disposed prior to building demolition.
- Two transformers are located on the north side of the building. One of the transformers is labeled as non-PCB. Based on low PCB levels detected in soil sample results adjacent to the transformers, the transformers are non-PCB transformers (Figure 10). PCB-contaminated soil and concrete in the transformer area will be excavated and disposed as special waste (Figure 11). Any residual transformer oil within the equipment will be analyzed to determine PCB content to determine recycling or disposal options.
- The industrial cleaning required to accomplish the demolition will generate wastewater and solvents. Wastewater will be treated on-site and discharged to the sanitary sewer or transported directly to the Milwaukee Metropolitan Sewage District (MMSD) for disposal. Solvents and other cleaning products will be containerized and disposed in accordance with 40 CFR § 761.79(g).



# TABLE OF CONTENTS

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<b>1</b>	<b>INTRODUCTION</b> .....	<b>1-1</b>
1.1	Overview .....	1-1
1.2	Project Information .....	1-1
1.3	Location.....	1-2
1.4	Site History .....	1-3
<b>2</b>	<b>FACILITY ASSESSMENT</b> .....	<b>2-1</b>
2.1	Background and Timeline .....	2-1
2.2	Summary of Prior Assessments.....	2-1
2.3	Recent Assessment Activities .....	2-3
<b>3</b>	<b>REMEDIAL ACTION PLAN</b> .....	<b>3-1</b>
3.1	Overview .....	3-1
3.2	Waste Stream Overview .....	3-1
3.3	Liquids Removal.....	3-3
3.3.1	Aboveground Tanks.....	3-3
3.3.2	Below grade tanks/pits.....	3-3
3.3.3	Hydraulic Oils.....	3-4
3.4	Building Decontamination .....	3-4
3.4.1	Loose Dust and Waste Piles.....	3-4
3.4.2	Concrete Floor .....	3-5
3.4.3	Steel Decontamination.....	3-5
3.4.4	Painted Concrete and Steel.....	3-6
3.5	Other Waste Streams.....	3-8
3.5.1	Regulated Asbestos Containing Materials (RACM) Removal .....	3-8
3.5.2	Universal Wastes.....	3-9
3.5.3	Refractory Removal/Disposal .....	3-9
3.5.4	Outdoor Debris and Waste Piles Removal/Disposal .....	3-10
3.5.5	Outdoor Transformers and Bag Houses.....	3-10
3.6	Backfilling (Pits) and Capping .....	3-11
3.7	Restoration .....	3-11
3.8	Sequencing .....	3-11

**FIGURES**

Figure 1	Site Location Map
Figure 2	Site Layout
Figure 3	Interior Building Layout and Sample Locations
Figure 4	Concrete Floor Sample Locations and Data
Figure 5	Paint and Wipe Sample Locations and Data
Figure 6	Waste Pile Sample Locations and Data
Figure 7	Liquid Sample Locations and Data
Figure 8	Asbestos Sample Locations and Data
Figure 9	Remediation Plan – Concrete Floor
Figure 10	PCB Soil Data – Transformer Area
Figure 11	Excavation Plan – Transformer Area

**TABLES**

Table 1	Concrete Floor Sample Results
Table 2	Paint Sample Analytical Results
Table 3	Wipe Sample Results
Table 4	Waste Pile Sample Analytical Results
Table 5	Liquid Sample Analytical Results
Table 6	Asbestos Sample Analytical Results
Table 7	PCB Soil Analytical Results - Transformer Area

**APPENDICES**

Appendix A:	September and October 2010 Analytical Data collected by RMT
Appendix B:	2009 PARSS Asbestos Testing Report
Appendix C:	2012 Soil Boring Logs
	C1: Sub-base below Concrete Floor
	C2: Transformer Area (including Abandonment Forms)
Appendix D:	2012 PCB Concrete Analytical Data
Appendix E:	2012 Paint, Dust and Waste Pile Analytical Data
Appendix F:	2012 Oil & Liquids Analytical Data
Appendix G:	2012 Asbestos Analytical Data
Appendix H:	2012 PCB Soil Analytical Data – Transformer Area

# 1 INTRODUCTION

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## 1.1 Overview

This Facility Demolition Remedial Action Plan (RAP) addresses the former Wabash Alloys aluminum recycling facility located at 9100 S. 5th Avenue in the City of Oak Creek, Wisconsin (Figure 1). This RAP includes a discussion of facility assessment findings, including assessment data from 2012 and prior, and a remedial action plan for decommissioning and demolishing the facility.

The remedial action plan for the building and surrounding surface facilities inside the fence includes:

- Contaminated solid and liquid materials removal and disposal in accordance with applicable regulations
- Decontamination and recycling or disposal of interior and exterior equipment, appurtenances and structures
- Re-use of concrete building materials on-site, as appropriate, to fill-in interior and exterior pits and sumps, and other designated fill areas
- Disposal of waste materials and debris associated with the facility operations, located both interior and exterior to the building
- Remediation of the concrete floor slab of the building which will remain in place and be incorporated into the redevelopment of the property

A separate RAP will be developed as necessary for remediation of affected soils associated with the former aluminum smelting operations.

## 1.2 Project Information

**Site Address:**

Wabash Alloys  
9100 South Fifth Avenue  
Oak Creek, Wisconsin 53154

**Site Location:**

SW  $\frac{1}{4}$  of the NW  $\frac{1}{4}$ , and the NW  $\frac{1}{4}$  of the SW  $\frac{1}{4}$   
Section 24, T5N, R22E  
Milwaukee County

**Site ID Numbers:**

WDNR BRRTS#: 02-41-553761 (ERP-Open)  
Listed as Vulcan Materials/Wabash Alloys

USEPA NPL Status: Non-NPL

**Current Site Owner:**

Connell Aluminum Properties, LLC  
Project Contact: Mr. Mike Kellogg  
(919) 744-7522

**Environmental Consultant:**

Natural Resource Technology, Inc.  
23713 W. Paul Road  
Pewaukee, WI 53072  
Contact: Julie Zimdars, PE /Laurie Parsons, PE  
(262) 522-1204/(262) 522-1193

**Former Site Owners:**

Beazer East, Inc. (Koppers)  
Environmental Consultant: TetraTech (formerly GeoTrans Inc.)

Vulcan Materials  
Contact: Tom McElligott  
(414) 277-5531

## 1.3 Location

The former Wabash Alloys facility is located on the east side of 5th Avenue and west of Lake Michigan (Figure 2). The property occupies approximately 21 acres of land. The former smelting facility was located on approximately 12 acres of the western portion of the property, and includes five contiguous buildings of approximately 256,000 square feet that covers most of the western side of the property, and a concrete yard area that is adjacent to the east of the structure. The facility perimeter is secured by chain link fence and locked gates. An abandoned rail line runs along the northern edge of the property with three spurs that at one time split and ran along the north side of the property and also entered the building on the east side.

The remaining eastern portion of the property contains no structures except for remaining segments of rail spurs. The eastern portion of the property is undeveloped and extends along a ravine that leads to the Lake Michigan shoreline. Wetlands are present in this portion of the property, as evidenced by standing water and cattails.

Surrounding properties include the following (Weston, 2009):

- Northeast - Fifth Property LLC (4301 East Depot), also identified historically as the Hynite Property.
- Northwest - C&NW Transportation Company (9050 South 5th Avenue) - This is railroad property and is currently not being used.

- South - City of Oak Creek (9170 South 5th Avenue) - This is the City's sewer and water lift pump station. Directly south across from the City of Oak Creek property is the I.E. DuPont DeNemours (DuPont) property.
- East - Lake Michigan is located on the east border of the property. The property lies approximately 60 feet above the Lake Michigan shoreline.
- West - Old Carrollville area residential and commercial properties are located east of 5th Avenue.

## 1.4 Site History

The site is located in an industrial area used for manufacturing various products since the early 1900's. The chronology of site ownership and site use are provided below (Weston, 2009):

- Prior to 1917 – Unused Part of Newport Chemicals property
- 1917-1935 – American Tar Products/Koppers Products – distillation of coal tar to produce creosote
- 1935-1960 – Koppers Company (formerly Koppers Gas & Coke Company) Tar Plant – creosote production and chemical manufacturing
- 1960-1968 – Arthur A. Levin and Saul Padek – vacant (conflicting information whether creosote production occurred during this period)
- 1968-1987 – Vulcan Materials – secondary aluminum smelting
- 1987-2001 – Wabash Alloys – secondary aluminum smelting
- 2001-2007 – Wabash Alloys – discontinued operations/facility closed
- 2007-present – Connell Aluminum Properties, LLC – facility closed

Structures related to creosote production were removed during the Levin & Padek ownership period. A few dilapidated structures remained when Vulcan purchased the property in 1968. During Vulcan's smelter construction activities in the late 1960s, oily soil was excavated from the site and disposed of off-site (Weston, 2009).

The structures related to the discontinued smelting facility remain at the site and are comprised of five contiguous buildings from west to east (Figure 3):

- Maintenance/Machine Shop, Office and Ingot storage
- Furnace Room
- Crusher Room/Material Handling Room
- Scrap Storage Room
- Skim/Dross Room

A wastewater treatment building was located east these buildings but was demolished.

The buildings are open steel framed structures with a concrete knee wall and a 6 to 8-inch concrete slab floor. The building roof is approximately 30 feet high along the center spans and slopes to 20 feet at the sides. Siding consists of Transite, Galbestos and fiberglass panels.

The building has been vacant since 2001. Much of the aluminum processing equipment remains in and around the building and includes conveyors, crusher, dryers, furnaces, baghouses and ladles. However, unauthorized salvagers have removed most of the copper wiring and piping and disturbed several areas of the building over the years. Utility service has been shut off in the building for some time and only limited natural light is available through skylights and caving roof areas.

Portions of the concrete floor may be underlain by creosote residue in the ground and/or backfill. Some storm drains in the facility were found to contain similar material in the past. The drains were reportedly plugged and abandoned in place to mitigate the transport of contamination through the drains.

Waste material that includes metal shavings, waste from smelting operations, dross, and dust is found in piles and covers much of the concrete floor and the equipment throughout the building, particularly the furnace and crusher rooms. There are also several equipment pits and sumps in the furnace and crusher rooms and outside in the former water treatment building location that are filled with water.

The yard area/loading dock area on the east side of the building has smelting waste material present and debris including former smelting equipment (steel pieces containing refractory) and shredded wood pallets. Two to three pits of water are present on the east side of the building where the wastewater treatment building was once present, but analytical testing indicates that this is stormwater and not process wastewater.



## 2 FACILITY ASSESSMENT

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### 2.1 Background and Timeline

Environmental assessments and response actions for the facility that occurred during the 1990s to the present are listed below:

- In 1993, RMT notified WDNR that non-petroleum related contamination was observed in the tank pits during UST removals.
- In 1995, Wabash reported a release of creosote to the City of Oak Creek sewer to the WDNR.
- UST areas (two 1,000-gallon USTs and one 10,000-gallon UST) on the north side of the building were investigated, remediated and granted closure (1999 and 2007).
- A Phase I Environmental Site Assessment (ESA) Report was completed by Weston Solutions, Inc. for the United States Environmental Protection Agency, Region V and the City of Oak Creek, dated November 19, 2009 (Weston, 2009).
- RMT performed environmental site assessment activities on behalf of Connell Limited Partnership in 2010. A portion of these investigation results are detailed in a Phase II Site Investigation, dated August 2010. Additional investigation results from an RMT investigation performed in September and October of 2010 are summarized below.
- TetraTech, on behalf of Beazer East, conducted a site investigation in late 2011, following a WDNR-approved Site Investigation Work Plan. Only soil and groundwater data were collected during TetraTech's investigation; therefore, this data is not discussed in this report.

### 2.2 Summary of Prior Assessments

The scope of RMT's Phase II ESA conducted at the facility in 2010 involved collection of nearly 100 samples from various suspect media within the building. RMT prepared the 2010 Phase II Site Investigation Report following the site investigation activities conducted in May and June 2010.

RMT collected additional samples in September and October 2010 to further delineate the extent of contamination, particularly in the concrete floor where PCBs were found to be present. These sample results were not included in a subsequent RMT report, but the results are discussed below and laboratory reports are provided in Appendix A. In total, RMT collected 137 samples from various media.

RMT's subsequent sampling in September and October 2010 focused mainly on collection of additional concrete floor samples throughout the building and determining the depth of PCB impacts in the concrete floor in the area north of Furnace #5 (FRF-3 sample location). A pilot-scale test of remedial methods to

clean/decontaminate the floor was also conducted. Results of this sampling and testing, provided on Table 1 and Figure 4, indicated the following:

- PCBs were present in the concrete flooring in all samples collected. PCB concentrations were greater than 1 milligram per kilogram (mg/kg) in the floor in the furnace room, crusher room and machine shop (northwest corner of building) and covers approximately 60% of the building. PCB concentrations were less than 1 mg/kg in the Scrap Storage Room and the Ingot Storage/Warehouse.
- Pilot-scale remedial methods found that PCBs in the furnace room floor north of Furnace #5 could not be removed by surface cleaning/scarifying methods. Pilot scale testing of five PCB concrete remediation techniques was conducted in an area of known PCB contamination north of furnace #5 (near FRF-3). The five methods were as follows with respective before/after PCB concentrations:
  - Pilot 1 Area [also Core C5 location] – Very shallow (1/16-inch) scarification (26.4 / 16.6)
  - Pilot 2 Area [also Core C4 location] – Shallow (1/8-inch) scarification (13.4 / 24.4)
  - Pilot 3 Area [also Core C3 location] – Manual scrubbing with Pentanone (11.0 / 7.21)
  - Pilot 4 Area [also Core C2 location] – Power washing (9.97 / 12.3)
  - Pilot 5 Area [also Core C1 location] – Light potable water rinse (13.4 / 11.9)

These methods appeared to be minimally effective in reducing the PCB concentrations.

- PCBs concentrations greater than 10 mg/kg are present in the pilot study area of the furnace room floor (north of Furnace # 5, near FRF-3) at depths of two (2) inches (samples from Cores C1 through C5).
- PCB concentrations that exceed 50 mg/kg were detected in one sample of the floor dust (Pilot 2 Dust) and one concrete sample (core sample C5 1-2 [inches]) both from north of Furnace #5 in the pilot study area.

Other samples collected by RMT in September and October 2010 included the following:

- Surface soil sampling and analysis of PCBs, RCRA metals, volatile organic compounds (VOCs) and semi-VOCs (SVOCs) in stained soils in the transformer area on northwest side of the building. Transformer oil has spilled on the ground surface surrounding the equipment, possibly from the actions of unauthorized copper salvagers. Samples SS-1, SS-2, SS-3 and SS-4 indicated PCB concentrations of 0.982 mg/kg, 1.64 mg/kg, 10.5 mg/kg, and 0.21 mg/kg, respectively. Non-detectable to low levels of SVOCs, VOCs, RCRA metals were indicated.
- Samples of slag-like material (Furnace 1, Furnace 2 and Furnace 3) found in the furnaces (and elsewhere in bins and on the floor) were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) lead. The lead concentrations from the leaching procedure were 0.12 mg/L, 0.082 mg/L and <0.019 mg/L, respectively. Sample WP-01 taken from a pile of similar-looking material found outside the building was analyzed and found to have a TCLP lead concentration of 9.0 mg/L.
- RMT sampled investigative waste from a drum of soil (D-1) generated by subsurface investigations of creosote. Results of this sample are not pertinent to this report.

## 2.3 Recent Assessment Activities

NRT performed additional data collection in May to July 2012 to supplement the data collected by RMT in order to recommend remedial actions for the building and facility. The additional data collection included:

- **Concrete floor and concrete bin divider wall sampling:** The purpose of the sampling was to determine depth and concentrations of PCB impacts (i.e., vertical profiling) in known and unknown areas of PCB floor impacts (machine shop, furnace room, and crusher room) and evaluate whether PCBs are present in the divider walls. Cores FC-551 through FC-566 (16 cores) were collected and sampled.

For all cores with the exception of FC-566, the cores were collected and sampled by ½ inch intervals. For cores with obvious surface staining or in areas of known PCB impacts, the top ¼ inch was first removed simulating a ¼ inch scarification of the concrete (first sample interval ¼- ¾ inch, followed by 1-1 ½ inch and 1 ¾ - 2 ¼ inch). In other areas, the top ¼ inch was not removed (first sample interval 0 – ½ inch, followed by ¾ - 1 ¼ inch and 1 ½ - 2 inch). Not all intervals were sampled.

Visible loose dust was removed from the core prior to cutting and crushing each interval. Cores FC-552, FC-563, FC-564 and FC-565 were used to delineate prior data indicating greater than 50 mg/kg PCBs at Core C5 and Pilot 2 Dust sample (near Core C4). Core FC-566 was collected from the bottom of the crusher pit using a smaller hand-held coring device. This sample was submitted as a composite of the core that was collected. Also, composite core samples of a divider wall in the crusher room and Scrap Storage Room, WC-570 and WC-571, respectively, were collected.

Table 1 contains the results of the previous and recent concrete floor and wall sampling results. Recent laboratory analytical reports are provided in Appendix D.

At the core locations, a hand auger was advanced into the subbase material approximately four to five inches and the sub-base material was logged. These logs are provided in Appendix C1 (e.g. labeled as HA-551 correlating to the FC-551 location).<sup>1</sup> No evidence of creosote was noted in any of the sub-base materials at these locations.

- **Painted concrete and painted steel sampling:** The purpose of the sampling was to determine if the painted concrete can be reused on-site as fill material and whether the painted steel can be recycled. Because PCBs were historically used in industrial paints, samples also included PCB analyses. A sample of exterior white paint (paint chips) from the west side of building and also a sample of the white paint with concrete (knee wall) were collected. Similarly, a sample of interior gray paint (paint chips) from the west furnace room wall and gray paint with concrete were collected. The paint with concrete was analyzed for TCLP lead and total lead. Since the paint was found to contain PCBs, the white paint (chips), white paint with concrete, and gray paint with concrete was subsequently analyzed for TCLP PCBs to assess leachability of these materials. Also, paint chip samples of exterior red paint that is present on the outside bag houses and interior gray paint that is present on steel trusses were collected. The red paint was analyzed for PCBs and total lead and the gray paint on the trusses was analyzed for PCBs. Table 2 contains the results of the previous and recent paint sampling results. Recent laboratory analytical reports are provided in Appendix E.

<sup>1</sup> NRT could not log Location FC-559 and FC-565 as the concrete core could not be completely removed or the auger hit refusal.

- **Used oil sampling:** The purpose of the sampling was to characterize whether the used oil is hazardous or non-hazardous for disposal. A steel aboveground storage tank labeled as “used oil”, located adjacent to north wall of furnace room and containing approximately 300 gallons of used oil, was sampled for PCBs, chlorine, water content and total ash. Table 5 contains the results of the previous and recent liquids sampling results. Recent laboratory analytical reports are provided in Appendix F.
- **Water Sampling of Outside Pits (East Side):** The purpose of the sampling was to characterize for disposal the water in the pits associated with the former wastewater treatment building (east side of main building). A composite water sample was analyzed for PCBs, SVOCs, VOCs, metals, total cyanide, pH and oil & grease. Table 5 contains the results of the previous and recent liquids sampling results. Recent laboratory analytical reports are provided in Appendix F.
- **Asbestos sampling:** The purpose of the sampling was to determine if suspect materials interior and exterior to the building contain asbestos. An NRT Wisconsin certified asbestos inspector collected samples of Galbestos siding on the north side of the building (ladle loading area) and the refractory from four pieces of former smelting equipment located in the outside yard area. NRT also collected additional samples of spray-on material, gray paint on concrete, and a possible coating on purlins and trusses in the furnace room for asbestos content. Table 6 contains the results of the previous and recent asbestos sampling results. Recent laboratory analytical reports are provided in Appendix G.
- **Soil Sampling in the Transformer Area:** The purpose of the soil sampling was to determine the magnitude and extent of the PCBs discovered in the surface soil samples collected in October 2010. Stained soils were evident in this area. NRT performed two hand augers (HA-500 and HA-501) to depths of 4-5 ft directly adjacent to each transformer. In addition, a Geoprobe™ was used to collect other soil samples from borings SB-502, SB-503 and SB 504. Table 7 contains the results of the previous and recent soil sampling results. Recent laboratory analytical reports are provided in Appendix G.
- **Exterior Waste Pile Sampling.** The purpose of the sampling was to collect a representative composite sample of the waste pile located in the eastern yard area and analyze the sample for PCBs, TCLP RCRA metals, and total copper, nickel, and zinc. A discrete sample of the material collected previously by RMT found lead exceeding the TCLP limit for hazardous waste.

Figures representing the data collected by both RMT and NRT related to the building are as follows:

- Figure 4: Concrete Floor Sample Locations and Data
- Figure 5: Paint and Wipe Sample Locations and Data
- Figure 6: Waste Pile Sample Locations and Data
- Figure 7: Liquid Sample Locations and Data
- Figure 8: Asbestos Sample Locations and Data

## 3 REMEDIAL ACTION PLAN

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### 3.1 Overview

This Remedial Action Plan has been prepared to provide a general plan for building decommissioning/demolition and management and/or disposal of contaminated materials associated with the aluminum smelting operations. Overall, initial sampling indicates some materials at the former Wabash Alloys facility contain PCBs at concentrations that require remediation or disposal under the Toxic Substances Control Act (TSCA) in conjunction with Wisconsin's One Cleanup Program Memorandum of Agreement (One Cleanup Program MOA, PUBL-RR-786 dated June 2011, Revised October, 2011), while the bulk of the materials can be disposed as special waste. The building remediation and demolition plan was developed considering the presence of potentially combustible dust containing metals and PCBs. Other areas of concern include asbestos, lead-based and PCB-containing paint on concrete, and a PCB-contaminated concrete floor slab.

As part of the remedial action planning and analysis for the facility demolition and as with any environmental remediation project, cost-effective solutions for management of the contaminated materials was an important consideration for the recommended remedial actions as discussed in detail below.

### 3.2 Waste Stream Overview

The following briefly summarizes the various waste stream characteristics:

- Water has accumulated in at least 10 sumps, pits and tanks in the building. The liquids contain organic and inorganic constituents including PCBs, lead, and mercury at levels that allow for solidification and disposal as special waste or on-site treatment and discharge to the sanitary sewer (Figure 7 and Table 5).
- Used oil in a small AST inside the furnace room has been characterized as non-hazardous and non-PCB containing and can undergo fuel blending.
- Dust is prevalent throughout the building. A composite sample of the material showed elevated concentrations of metals but well below the TCLP limits. PCBs are found at variable concentrations in dust samples (Figure 6 and Table 4) and asbestos is suspected to be present in areas where Galbestos roofing and siding have deteriorated. Dust will be disposed as special waste or asbestos-containing waste, depending on location, at a solid waste landfill.
- General waste materials, fiberglass siding, and recyclable equipment are located on the ground surface on the east end of the property. These materials will be characterized, segregated to the extent practical, removed and properly recycled or disposed.

- PCBs are present in the concrete floor, primarily in the furnace room, crusher room and machine shop (Figure 4 and Table 1). The source of PCBs is suspected to be primarily PCB-containing dust, and to a lesser extent PCB oils, where the floor was most heavily damaged by transport of ladles containing molten aluminum. The areas where PCBs are impregnated into the concrete the deepest are the high use areas adjacent to the furnaces and the large scrap dryer in the crusher room. Depending on the area, floors will be subjected to industrial vacuuming, scarification, encapsulation, and capping as shown on Figure 9. Floor areas with residual PCB concentrations greater than 1 mg/kg will be capped with a 10-inch general fill soil cover.
- One of 10 wipe samples of non-porous surfaces from the building and equipment contained PCBs above 10 µg/100 cm<sup>2</sup> (Figure 5 and Table 3)<sup>2</sup>. Eight of the 10 samples had detections of trace amounts of PCBs. Non-porous surfaces and equipment will be cleaned by both vacuum and wet removal methods to remove dust and oils prior to recycling.
- Paint samples collected from “safety” yellow paint inside the building indicated high lead levels. Gray paint from the furnace room, white exterior paint, and red exterior paint, all collected by NRT, contained low levels of lead.
- Several different colored paints found on concrete and steel were analyzed for PCBs. Only the loose white paint removed from concrete will require managing as TSCA waste. White-painted concrete will be disposed as bulk PCB product waste at a solid waste landfill. Gray paint removed from concrete is non-PCB based on analysis of the paint chips (less than 50 mg/kg PCBs). Analysis of the gray paint with concrete showed no detectable PCBs; as a result, the gray-painted concrete will be recycled and re-use as fill on-site. Results of other paint samples for PCBs are discussed in Section 3.4.
- Furnace slag and refractory is not asbestos containing and contains lead below the TCLP limit. Slag and refractory will be removed from equipment and disposed as special waste.
- An asbestos survey (PARSS 2009) was completed for the building (Appendix B). Asbestos-containing material (ACM) was found in the floor tile and mastic, roofing tar, window glaze, tank jacketing, pipe insulation, ceiling tiles, and Transite siding and roofing. NRT collected additional samples of various suspect materials and found chrysotile asbestos in Galbestos siding on the north side of the building in the ladle loading area (Figure 8 and Table 6). Galbestos is a bulk PCB waste. Asbestos containing materials will be removed prior to demolition and disposed as regulated asbestos containing material (RACM).
- Mercury-containing equipment and lighting ballasts are present throughout the building. There is also some electrical equipment that may also contain PCBs. These materials will be removed and disposed prior to building demolition.
- Two transformers are located on the north side of the building, one labeled as non-PCB. Based on low PCB levels detected in soil sample results adjacent to the transformers, the transformers are non-PCB transformers (Figure 10). The soil results indicate low concentrations of PCBs are present in the area. The highest PCB concentration detected in this area was from surface soil samples SS-3 at 10.5 mg/kg. PCB concentrations directly adjacent to each transformer (HA-500 and HA-501) had maximum concentrations less than 2 mg/kg. Soil and surface concrete concentrations surrounding these locations were less than 1 mg/kg from SB-502, SB-503 and SB-504. Using visual methods to assess stained areas for removal, PCB-contaminated soil and concrete in the transformer area will be

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<sup>2</sup> Less than or equal to 10 µg/100 cm<sup>2</sup> is the clean-up level for non-porous surfaces in accordance with 40 CFR §761.61.



excavated and disposed as special waste (Figure 11). Any residual transformer oil within the equipment will be analyzed to determine PCB content to determine recycling or disposal options.

- The industrial cleaning required to accomplish the demolition will generate wastewater and solvents. Wastewater will be treated on-site to remove suspended solids, and oil and grease. Carbon filtration may be necessary to remove contaminants such as PCBs or SVOCs so that the wastewater can be discharged to the sanitary sewer or transported directly to the Milwaukee Metropolitan Sewage District (MMSD) for disposal. Residual waste would then be solidified to eliminate free liquids and disposed as special waste. Solvents and other cleaning products will be containerized and disposed in accordance with 40 CFR § 761.79(g).

The remediation work must be conducted by contractors experienced in handling hazardous materials. PCB remediation is to follow the requirements of 40 CFR § 761 in conjunction with the One Cleanup Program MOA. Lead abatement must follow 29 CFR § 1926.63 and air emissions standards in the Wisconsin Administrative Code (WAC) NR 427. Applicable regulations for ACM abatement include 40 CFR § 763 and NR 447. Further, the remediation work must be conducted by workers trained according to OSHA 1410.120. Each contractor will be responsible for developing their own health and safety plan for the remediation work.

### 3.3 Liquids Removal

#### 3.3.1 Aboveground Tanks

The site currently contains three above ground tanks that hold between 200 and 500 gallons of liquid. Two tanks located in the crusher room are plastic and appear to contain a small amount of water or possibly oil. The third tank, located near the north wall of the furnace room, is steel and is labeled as "Used Oil." The oil in this tank has been characterized as non-hazardous and will be removed and properly disposed by a licensed disposal or waste oil recycling company. Aboveground storage tanks will be cleaned and disposed according to Department of Safety and Professional Services (DSPS) requirements.

#### 3.3.2 Below grade tanks/pits

Water in 10 below-grade pits was sampled during the RMT Phase II investigation. There are seven ladle pits in the furnace room, a large equipment pit in the crusher room and two pits at the Chlorine Room. The water appears to be derived from infiltration of surface water runoff (the roof is missing in some places and leaks in many others), but water in the seven ladle pits is likely contact water based on analytical data. The liquids contain organic and inorganic constituents including PCBs, lead, and mercury at levels that allow for solidification and disposal as special waste (Figure 7 and Table 5). Alternatively, these liquids could be treated on site to remove suspended solids, oil and grease, and PCB oils, followed

by carbon filtration prior to discharge to the sanitary sewer. Liquids will be removed from these pits then backfilled with crushed concrete and clean fill or flowable fill. Water that has accumulated in exterior pits has been characterized as non-contact storm water.

### **3.3.3 Hydraulic Oils**

Hydraulic oils will be removed from equipment and tested for PCB content. Non-PCB containing petroleum hydraulic oils can be managed as non-hazardous waste. PCB-containing hydraulic oils will be containerized and disposed as TSCA waste. Glycol-based hydraulic oils are commonly used in high-heat smelting and foundry operations. Glycol-based hydraulic oils will be drained, containerized, and shipped for recycling. If hydraulic reservoirs are not accessible, hydraulic reservoirs will be triple-rinsed with solvent and disposed as TSCA waste.

## **3.4 Building Decontamination**

An overall plan for building decontamination is provided in the following sections.

### **3.4.1 Loose Dust and Waste Piles**

Loose dust is found primarily in the furnace room and crusher room (Figure 6). Loose dust and waste piles have been characterized as non-TSCA, non-hazardous waste. The majority of the dust and waste piles will be managed as special waste. Due to deteriorated Galbestos roofing and siding within the north side of the building, Dust in this area will be disposed as asbestos-containing waste. The loose material contains numerous metals and PCBs, but a composite sample taken from subsamples throughout the building was below the TCLP limits for hazardous waste determination (Figure 6 and Table 4). PCBs concentrations vary widely, but the highest concentrations in the dust were found in the crusher room. Historical sampling found that the bag house dust also contained PCBs; however, bag house dust is known to have been removed at facility closing. Floor sweepings and other loose dust accumulations are present throughout the facility. Dust and waste samples were also subjected to physical tests (water reactivity and combustible solids) and samples exhibited neither of these characteristics.

The material will be collected and removed by industrial vacuuming using wet removal methods prior to demolition to minimize spread of contamination. Airborne dust may create an explosive atmosphere. Preventative measures will be employed to reduce dust generation and will be incorporated into contractor health and safety plans.

RMT identified a bin in the crusher room containing loose material with PCBs above 50 mg/kg. The contents will be disposed as TSCA waste.

### 3.4.2 Concrete Floor

NRT's investigation included collection of concrete cores to establish a vertical profile of the PCB concentrations in the floor slab ( at ½ - inch sampling intervals) and define the horizontal extent of floor slab areas that require remediation, (e.g. scarification, encapsulation and capping). Previous sampling by RMT defined contiguous areas of PCBs less than 1 mg/kg where no action is required, including the Scrap Storage Room and the Ingot Storage/Warehouse. The remediation plan for the concrete floor is presented in Figure 9 and summarized below.

The source of PCB contamination is suspected to be primarily PCB-containing dust, and to a lesser extent PCB oils, where the floor was most heavily damaged by ladles of molten aluminum. Floors will be subjected to industrial vacuuming and cleaning to remove PCB-containing dust. Scarification is a known and widely used method for remediation of contaminated concrete. Where PCB concentrations are greater than 10 mg/kg in the furnace room, crusher room and machine shop, the floor will be scarified to ¼ - inch depth as shown on Figure 9. The crusher pit concrete will not require scarification as PCB concentrations are below 10 mg/kg (FC-566). With the exception of the three areas described below, a ¼ -inch scarification will reduce the PCB concentrations to less than 10 mg/kg.

Three areas of the concrete floor contain PCBs greater than 10 mg/kg at a depth of 1 inch or more. These areas coincide with former high-use areas of the facility operations, being adjacent to the furnaces and the large scrap dryer in the crusher room. Encapsulation with an epoxy coating (two layers) or an approved solid barrier and marked per 40 CFR § 761.30(p) is planned for these areas (Figure 9), which include:

- Furnace Room (FC-552/Cores C1-C5/Pilot Study Area) – A sub-area (20 feet by 20 feet) of the concrete floor in this area contains concentrations greater than 50 mg/kg PCBs, and will be removed and disposed as TSCA waste as indicated on Figure 9
- Furnace Room (FC-555)
- Crusher Room (FC-560)

Floor areas with PCB contamination greater than 1 mg/kg, including the encapsulation areas, will be capped with a 10-inch compacted, general fill soil cover for direct contact protection as illustrated in Figure 9. The soil capped area includes the furnace room, crusher room and a portion of the machine shop.

### 3.4.3 Steel Decontamination

RMT collected wipe samples from select equipment and analyzed these for PCBs (Figure 5 and Table 3). PCBs were present on most surfaces (eight of 10 samples). The PCB concentration on one piece of

equipment in the crusher room ( $18.3 \mu\text{g}/100 \text{ cm}^2$ ) exceeded the free release criteria of  $10 \mu\text{g}/100 \text{ cm}^2$ . The demolition contractor will coordinate decontamination and removal of any equipment and safely remove and dispose of the non-ACM materials (refractory).

The majority of material in the facility includes metal siding, equipment, and structural steel. The aluminum processing equipment remains in the building and includes conveyors, crushers, furnaces and bag houses, which will be cleaned prior to recycling. After removal of loose dust and waste piles, steel equipment will be cleaned in place using additional vacuum and wet removal methods prior to shipping steel equipment for recycling. A wipe sample will be obtained from the crusher room equipment to confirm that the equipment has been adequately decontaminated for recycling.

A sample of a possible coating on purlins and trusses in the furnace room exhibited 350 mg/kg total PCBs. The material will be removed from steel prior to recycling and will be managed as TSCA waste.

#### 3.4.4 Painted Concrete and Steel

Paint samples were collected to evaluate recycling potential of concrete and steel. Paint samples were collected for total and leachable lead and total and leachable PCBs.

PCB bulk product waste<sup>3</sup> includes, but is not limited to non-liquid bulk wastes or debris from the demolition of buildings and other man-made structures manufactured, coated, or serviced with PCBs. Paint containing PCB concentrations greater than 50 mg/kg is regulated as "PCB bulk product waste." By this definition, the white-painted concrete with 1,800 mg/kg total PCBs in the paint is a PCB bulk product waste, but the gray-painted concrete with 37 mg/kg total PCBs is excluded from the PCB rule.

Current USEPA guidance states that building materials contaminated by the migration of PCBs from PCB bulk product waste, such as caulk or paint, is considered a PCB remediation waste. PCB remediation waste is defined as "waste containing PCBs as a result of a spill, release, or other unauthorized disposal." This means that the underlying concrete substrate, if found to contain PCBs, would be considered TSCA-regulated remediation waste under the current rule interpretation. Leaching tests conducted on paint and concrete have demonstrated that it is unlikely that paint has leached into the concrete. NRT recommends that the white-painted concrete walls be cored in order to test the underlying concrete substrate for PCB content to further demonstrate that the PCBs have not been released from the PCB-containing paint to the surrounding porous material. It is unlikely that the underlying concrete contains detectable

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<sup>3</sup> PCB bulk product waste means waste derived from manufactured products containing PCBs in a non-liquid state, at any concentration where the concentration at the time of designation for disposal was greater than or equal to 50 mg/kg total PCBs.



concentrations of PCBs based on studies conducted by the Department of Defense at similar installations.

In order to facilitate more cost-effective building demolitions and renovations, USEPA is currently evaluating its interpretation of bulk PCB waste to exclude building materials contaminated by PCB-containing products such as paint, mastic, and caulk from the definition of unauthorized use. The USEPA is expected to finalize its decision in 2012. For planning purposes, it is assumed that the white-painted concrete can be disposed in a solid waste landfill.

Lead-based paint or lead-bearing paint is defined as paint or any other surface coating material containing more than 0.06% lead by weight. By this definition, neither the gray nor the white paint on concrete surfaces is lead-based and results indicate that loose paint chip samples do not contain leachable lead. Yellow paint on bumper guards is considered lead-based, but paint on concrete surfaces is not lead-based. RMT's results showed gray paint in the furnace room is lead-based paint. However this result is inconsistent with lead results for other paint samples collected by both RMT and NRT.

Paint sampling locations and results are illustrated on Figure 5 and summarized in Table 2. The following describes the general procedures that will be followed for painted surfaces:

- Gray paint on interior concrete: Neither the lead nor the PCBs are leachable. Loose paints will be removed from the substrate, containerized and disposed as a separate waste stream. TCLP results indicate that loose paint can be disposed as special waste. Intact paint and concrete contains no detectable levels of PCBs but will be cleaned in place to remove dust, crushed on site and used as backfill in pits.
- White paint on exterior concrete: Lead was not found in paint at leachable levels. Loose paint contains leachable PCBs, indicating that loose white paint removed from the substrate will require disposal as TSCA waste. Intact paint and concrete does not contain leachable lead or leachable PCBs and will be broken into 2 foot by 2 foot pieces and disposed as special waste at a solid waste landfill as indicated above.
- Safety yellow paint on bumper guards: This paint is lead-based, but PCB testing was not conducted. Loose paint will be removed and disposed as hazardous waste unless additional testing is conducted to determine that loose paint is special waste. The bumper guards are concrete-filled steel and will be disposed as special waste. Other yellow-painted items will be inventoried, tested, and managed for disposal according to material, PCB, and lead content.
- Red and gray paint on steel: Loose red paint collected from the outside and underside of the north bag house was found to contain low levels of PCBs (less than 1 mg/kg) and is therefore excluded from the PCB rule. Gray paint chips collected from an interior steel truss were also found to contain PCBs less than 1 mg/kg.

Any loose paint not previously characterized or mixed paint that is removed from steel or concrete will be containerized, characterized and disposed of appropriately.

## 3.5 Other Waste Streams

### 3.5.1 Regulated Asbestos Containing Materials (RACM) Removal

ACM is defined as a material that contains greater than 1% asbestos. ACM has been identified throughout the facility in the roofing, ceiling, floor tiles and some pipe fittings. A trained, licensed asbestos abatement contractor must remove the ACM prior to building demolition. The asbestos inspection report performed by PARSS in 2009 is included in Appendix B. The removal must follow applicable OSHA regulations for protection of workers. It is expected that additional ACM will be uncovered during demolition. When suspect material is identified, it should be treated as ACM until it can be analyzed.

NRT conducted additional sampling of suspect building materials.<sup>4</sup> The bulk samples were submitted to Micro Analytical in Milwaukee, Wisconsin for analysis utilizing dispersion staining sample preparation and Polarized Light Microscopy (PLM) for asbestos identification and quantification. Samples containing greater than 1% asbestos are summarized in Table 6 and locations and results are illustrated on Figure 8. Additional asbestos analysis of spray-on material in the bag house room located on the south side of the furnace room and gray paint on concrete (which will be crushed for reuse) and a possible coating observed on purlins and trusses in the furnace room indicated no asbestos in these samples. Results are included in Appendix G.

ACMs are generally categorized as follows:

- Friable Asbestos - Fibers may be released by hand pressure. Friable ACM typically includes pipe insulation, boiler jackets, and spray-on fireproofing material. Friable ACM must always be removed prior to demolition.
- Category I Non-friable - Includes resilient floor covering, asphalt roofing products, gaskets and packings. Category I ACM does not have to be removed prior to a normal demolition if it is not in poor condition prior to starting the demolition. The resulting wastes can be handled as demolition material.
- Category II Non-friable - Any non-friable ACM that is not in Category I, and typically includes cementitious materials such as Transite™. These materials normally become RACM as a result of demolition and therefore must be removed prior to demolition.

Any non-friable ACM that is to be sanded, ground, cut, abraded or mechanically chipped is to be treated as RACM. Furthermore, if the ACM becomes crumbled, pulverized, or reduced to powder as a result of demolition practices, all materials must be treated as RACM including those demolition materials co-mingled with the RACM. If ACM building materials become friable and/or co-mingled with demolition materials, the debris will be categorized as RACM and disposal of these materials will increase the cost of the demolition significantly.

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<sup>4</sup> Performed by Ms. Sarah A. Ganswindt, Wisconsin Asbestos Inspector No. All-103433,



Because Transite and Galbestos have the potential to become friable during demolition, these materials and all other identified ACM will be removed prior to demolition to aid in recycling of on-site materials.

Prior to the demolition, a Notification of Demolition and/or Renovation and Application for Permit Exemption (Form 4500-113) (Notification) must be completed and forwarded to the Wisconsin Department of Natural Resources (WDNR). The Notification is required to be sent to the WDNR at least 10 working days before the start of site activities including renovation and/or demolition of on-site buildings.

### **3.5.2 Universal Wastes**

Mercury is regulated by the USEPA and WDNR. Thermostats, switches, and gauges containing mercury will be removed prior to demolition and recycled or disposed through a licensed contractor. The contractor must identify these devices, containerize them, and arrange for their disposal. Exit signs can contain mercury, lead and/or radioactive tritium and require special handling and disposal. Exit signs may be returned to their manufacturer for recycling. Florescent light bulbs containing mercury, if identified, will be removed prior to demolition and will be reused or recycled through a licensed contractor.

Fluorescent light ballasts located within buildings likely contain PCBs. Electrical devices manufactured before 1978 are assumed to be PCB-containing. Ballasts will be removed from the building prior to its demolition and will be disposed at a facility approved by the WDNR.

Fire extinguishers within the facility, if identified, will be removed prior to demolition. Dry chemical fire extinguishers are contained under pressure and pose an explosion hazard during demolition activities. Extinguishers that are halon-containing must be recycled or disposed of in accordance with USEPA standards. Halon-containing equipment must be sent to a manufacturer, fire equipment dealer or recycler for disposal in accordance with National Fire Protection Association standards. Halon must be recovered by trained technicians. Fire extinguishers that are not filled with Halon can be disposed with general waste (after all contents are expelled); however, numerous fire extinguisher sales companies will accept used fire extinguishers for recycling.

### **3.5.3 Refractory Removal/Disposal**

Refractory within furnaces, dryers, and ladles is non-ACM and contains non-hazardous levels of lead. Refractory will be removed from equipment prior to their cleaning and recycling. All refractory will be disposed as special waste but may be accepted as landfill daily cover at a reduced cost, if allowed by the selected disposal facility.

### 3.5.4 Outdoor Debris and Waste Piles Removal/Disposal

General waste materials, fiberglass siding, and recyclable equipment are located on the ground surface on the east end of the property. These materials will be characterized, segregated to the extent practical, removed and properly recycled or disposed.

A pile of waste material of unknown origin, but apparently derived from the furnaces, is present outside the building (WP-01, Figure 6). RMT indicated that the material is part of several piles of dissimilar materials and equipment at the end of the pavement on the east side of the facility. Some of the area is covered with coarse wood mulch. RMT collected a discrete sample of the material and found lead exceeding the TCLP limit for hazardous waste. NRT collected a representative composite sample of the waste pile for hazardous characteristic determination. The results showed the contents of the pile may be disposed as special waste. Results are included in Appendix E.

### 3.5.5 Outdoor Transformers and Bag Houses

Two transformers are located on the north side of the building. One of the transformers is labeled as non-PCB. Based on low PCB levels detected in soil sample results adjacent to the transformers, the transformers are assumed to be non-PCB transformers (Figure 10). Transformer oil has spilled on the ground surface surrounding the equipment, likely from the actions of unauthorized copper salvagers. Using visual methods to assess stained areas for removal, PCB-contaminated soil and concrete in the transformer area will be excavated and disposed as special waste (Figure 11). Confirmation soil samples will be collected on an approximate 25-foot grid to document residual soil concentrations and related post-remediation management requirements

Any residual transformer oil that may remain within the unclassified transformer will be analyzed to determine actual PCB content to determine recycling or disposal options. If no residual oil remains, PCB concentrations will be determined by the standard wipe test to determine if the electrical equipment is PCB-contaminated (greater than 10  $\mu\text{g}/100 \text{ cm}^2$  and less than 100  $\mu\text{g}/100 \text{ cm}^2$ ). The transformer carcasses will be disposed in accordance with 40 CFR §761.60(b) if it is determined that the unclassified transformer is PCB-containing.

The dust from the bag houses is known to have been removed prior to vacating the property. Contractors will verify that filters have been removed from process equipment and bag houses. Any remaining filters will be removed, packaged, characterized, and disposed as special waste based on the extensive dust testing conducted. Steel will be decontaminated in accordance with the protocols discussed in Section 3.4.3.

### **3.6 Backfilling (Pits) and Capping**

After removal of free liquids, pits will be backfilled with unpainted, non-PCB crushed concrete. Pits containing oily layers will be decontaminated prior to placing fill material. Gray-painted non-PCB concrete can also be used to fill the pits. Additional clean soil or flowable fill will be used to backfill pits as crushed concrete volumes may be insufficient. Utility lines, particularly sewers, would be abandoned with flowable fill or bulkheaded at the ends, as appropriate.

### **3.7 Restoration**

Site restoration will include placing clean fill material along the east side of the structure along the existing truck dock to cover painted concrete and re-slope the area to the east to ensure positive drainage away from the building. Existing site fencing will be repaired and restored as necessary to maintain site security.

### **3.8 Sequencing**

The work will be sequenced to minimize exposure to hazardous substances in the building and to prevent cross-contamination of porous and non-porous surfaces.

## FIGURES





SITE

Crib



SCALE IN FEET  
CONTOUR INTERVAL 10 FEET

SOURCE:  
USA Topo Maps. Copyright:© 2011 National Geographic Society, i-cubed

## SITE LOCATION MAP

PROJECT NO.  
2095



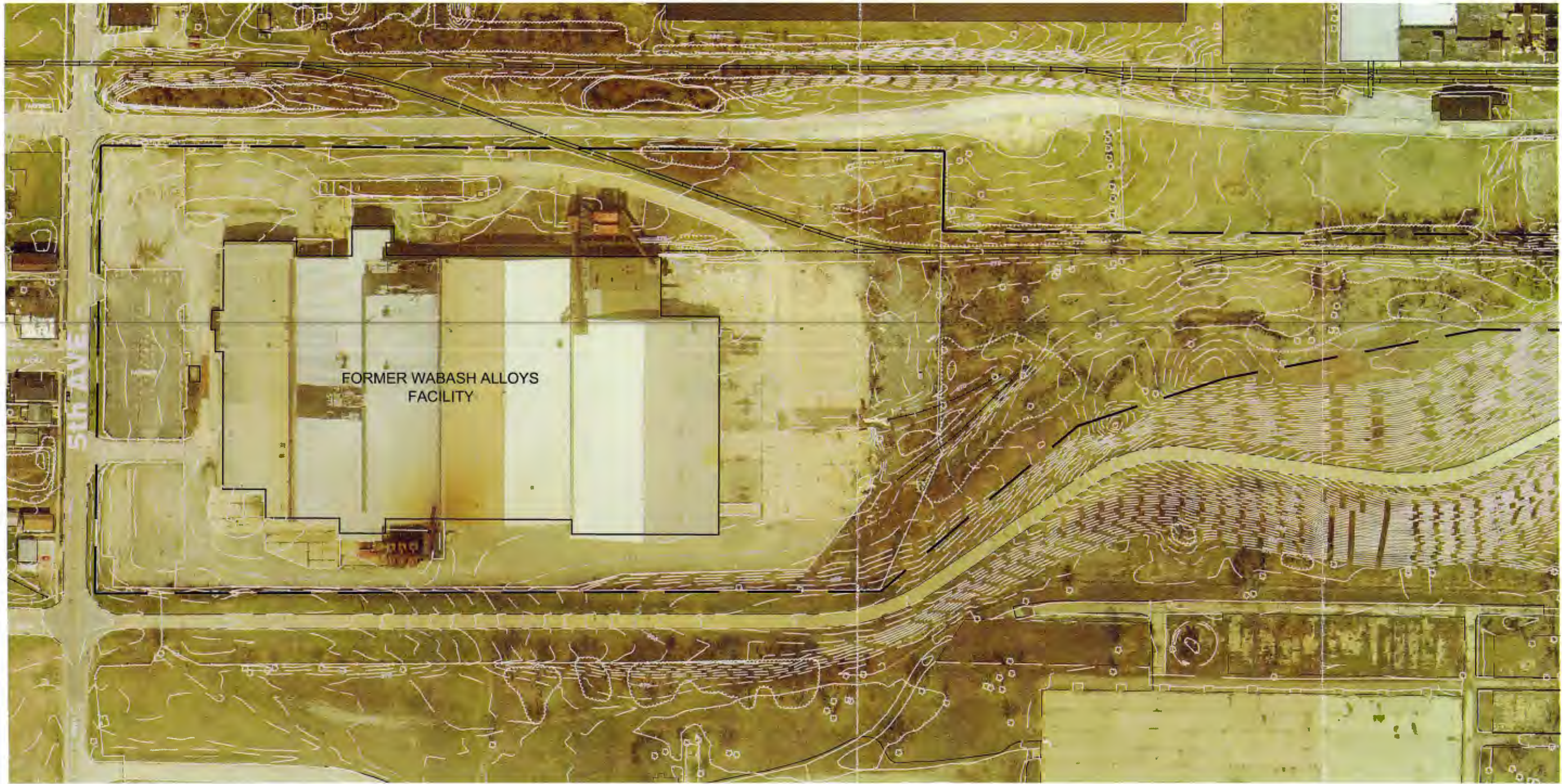
FORMER WABASH ALLOYS  
9100 SOUTH 5TH AVENUE  
OAK CREEK, WISCONSIN

DRAWING NO.  
2095-A01C

FIGURE NO.  
1

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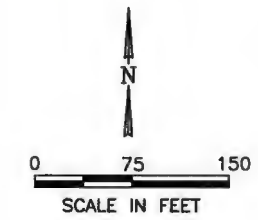




FORMER WABASH ALLOYS  
FACILITY

— — — — —  
APPROXIMATE PROPERTY  
BOUNDARY

**SOURCE NOTES:**  
1. AERIAL PHOTO FROM MCAMLIS, 2010 HIGH RESOLUTION IMAGERY.  
2. TETRA TEC FIGURE 14, EXTENT OF SOIL EXCEEDING INDUSTRIAL DIRECT  
CONTACT RCL, DATED 2/18/12, 4436D-REVISED-OAK CREEK.DWG.



## SITE LAYOUT

REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
FORMER WABASH ALLOYS  
9100 SOUTH 5TH AVENUE  
OAK CREEK, WISCONSIN



PROJECT NO.  
2095/1.4

FIGURE NO.  
2

DRAWN BY: RLH DATE: 06/06/12

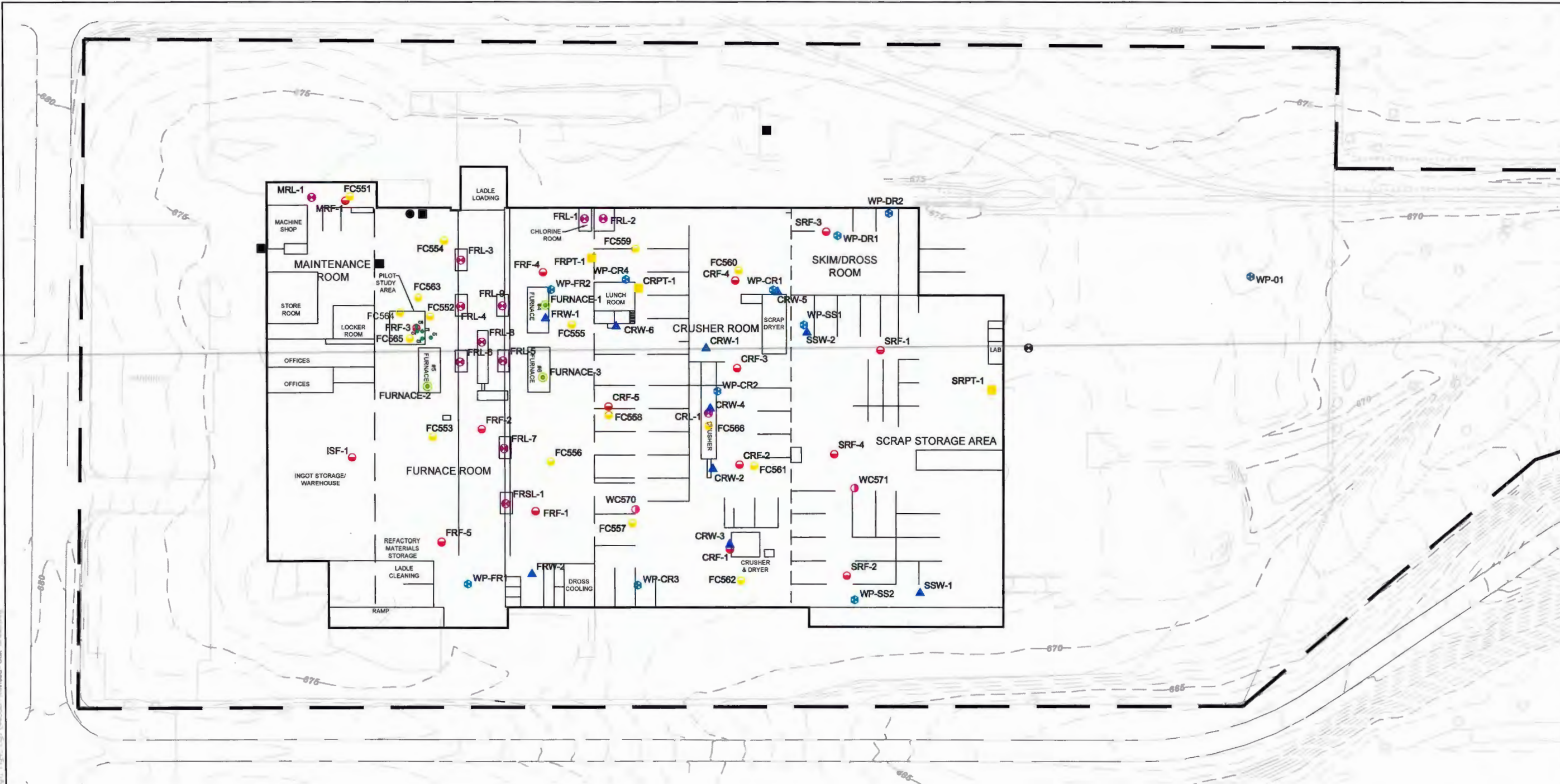
CHECKED BY: RJG DATE: 06/06/12

APPROVED BY: JAZ DATE: 10/02/12

DRAWING NO: 2095-14-B02C

REFERENCE: .





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CHECKED BY:	RJG	DATE:	06/11/12
APPROVED BY:	JAZ	DATE:	10/02/12
DRAWING NO:		2095-14-B03C	
REFERENCE:			

**INTERIOR BUILDING LAYOUT AND SAMPLE LOCATIONS**

REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
 FORMER WABASH ALLOYS  
 9100 SOUTH 5TH AVENUE  
 OAK CREEK, WISCONSIN

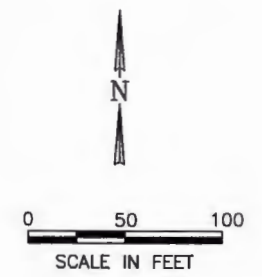


PROJECT NO.	2095/1.4
FIGURE NO.	3

●	OIL SAMPLE LOCATION (BY NRT, MAY 2012)	●	FURNACE-2	●	GRAB SAMPLE LOCATION
⊕	PIT LIQUID SAMPLE LOCATION (BY NRT, MAY 2012)	●	WP-FR1	●	WASTE PILE SAMPLE LOCATION
■	PAINT SAMPLE LOCATION (BY NRT, MAY 2012)	●	FRF-3	●	FLOOR SAMPLE LOCATION
●	FLOOR SAMPLE LOCATION (BY NRT, MAY 2012)	●	CRPT-1	●	PAINT SAMPLE LOCATION
●	WALL SAMPLE LOCATION (BY NRT, MAY 2012)	●	SSW-2	●	WIPE SAMPLE LOCATION
●	PREVIOUS SAMPLE LOCATION	---		---	APPROXIMATE PROPERTY BOUNDARY
●	LIQUID/SLUDGE SAMPLE LOCATION				

**SOURCE NOTES:**

- TETRA TEC FIGURE 14, EXTENT OF SOIL EXCEEDING INDUSTRIAL DIRECT CONTACT RCL, DATED 2/16/12, 4436D-REVISED-OAK CREEK.DWG.
- RMT FIGURE 4, INTERIOR FLOOR, PAINT, AND WIPE SAMPLING, DATED 8/2/2010, FROM SEGMENT 001 OF PHASE II SITE INVESTIGATION REPORT.
- TRC FIGURE 3, INTERIOR FLOOR, PAINT, WIPE, AND GRAB SAMPLING, DATED FEBRUARY 2012, FROM REMEDIATION PLAN FORMER WABASH FACILITY DRAFT REPORT.
- TRC FIGURE 4, LIQUID, SOIL, AND WASTE PILE SAMPLING, DATED FEBRUARY 2012, FROM REMEDIATION PLAN FORMER WABASH FACILITY DRAFT REPORT.
- TRC FIGURE 6, SITE LAYOUT AND MONITORING WELL AND BORING LOCATIONS, DATED FEBRUARY 2012, FROM REMEDIATION PLAN FORMER WABASH FACILITY DRAFT REPORT.



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 DATE: 10/02/12  
 DRAWN BY: RLH  
 CHECKED BY: RJG  
 APPROVED BY: JAZ  
 PROJECT NO: 2095-14-B03C  
 FIGURE NO: 3



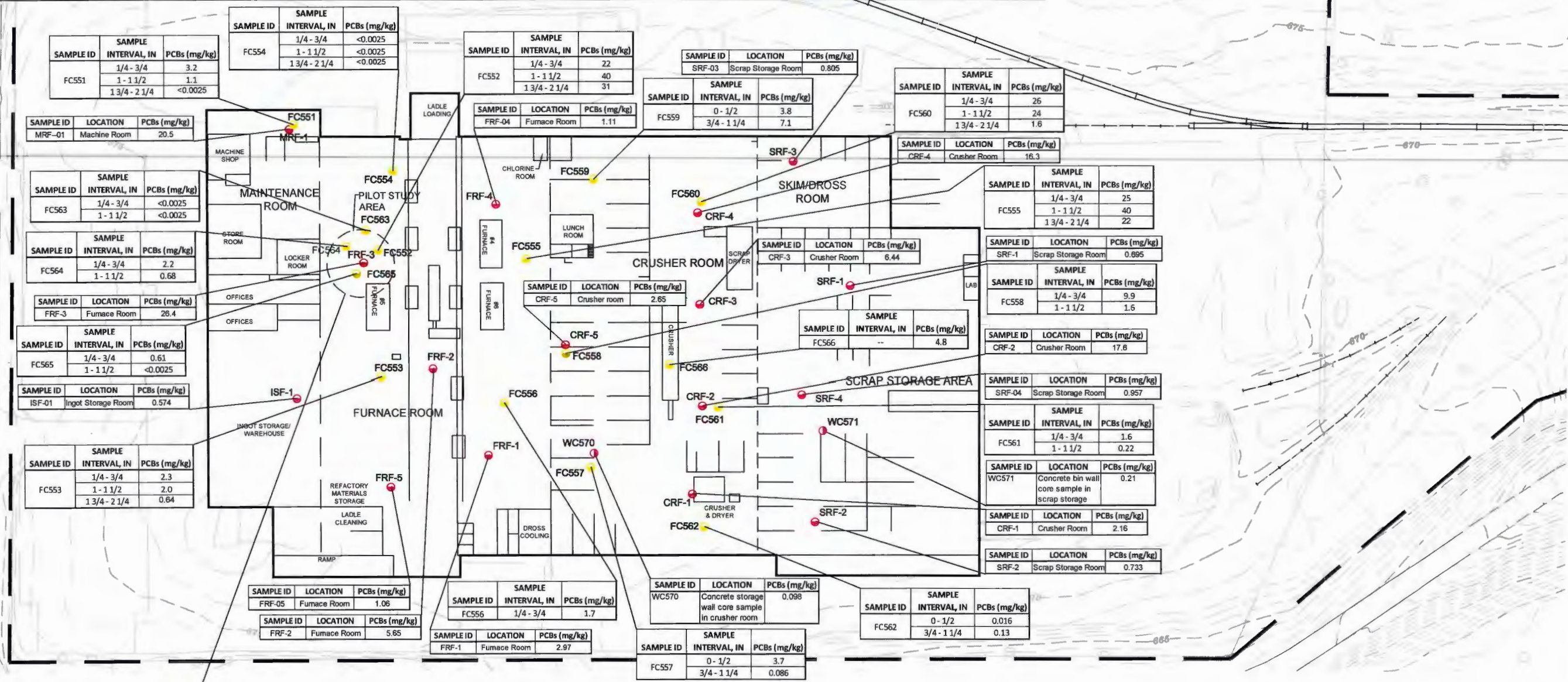
**PILOT STUDY AREA**

SAMPLE ID	LOCATION	PCBs (mg/kg)
Pilot 1 - Dust	Furnace Room	48.1
Pilot 2 - Dust	Furnace Room	55.9
Pilot 3 - Dust	Furnace Room	38.4
Pilot 4 - Dust	Furnace Room	37.9
Pilot 5 - Dust	Furnace Room	26.7

SAMPLE ID	LOCATION	PCBs (mg/kg)	SAMPLE ID	LOCATION	PCBs (mg/kg)	SAMPLE ID	LOCATION	PCBs (mg/kg)	SAMPLE ID	LOCATION	PCBs (mg/kg)
Pilot 2 Concrete	Furnace Room	13.4	Pilot 1 Post	Furnace Room	18.6	C1-0-1	Furnace Room	17.1	C3-1-2	Furnace Room	5.33
Pilot 3 Concrete	Furnace Room	11	Pilot 2 Post	Furnace Room	24.4	C1-1-2	Furnace Room	29.3	C4-0-1	Furnace Room	30.9
Pilot 4 Concrete	Furnace Room	9.97	Pilot 3 Post	Furnace Room	7.21	C2-0-1	Furnace Room	12	C4-1-2	Furnace Room	45.4
Pilot 5 Concrete	Furnace Room	13.4	Pilot 4 Post	Furnace Room	12.3	C2-1-2	Furnace Room	16.6	C5-0-1	Furnace Room	24
			Pilot 5 Post	Furnace Room	11.9	C3-0-1	Furnace Room	15.4	C5-1-2	Furnace Room	53.4

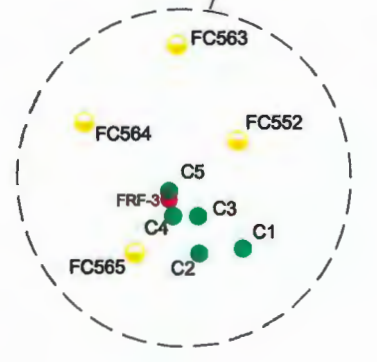
NOTE:  
CORE C1 IS IN PILOT 5 AREA,  
CORE C2 IS IN PILOT 4 AREA,  
CORE C3 IS IN PILOT 3 AREA,  
CORE C4 IS IN PILOT 2 AREA,  
CORE C5 IS IN PILOT 1 AREA.

DRAWN BY:	RLH	DATE:	06/12/12
CHECKED BY:	RJG	DATE:	06/12/12
APPROVED BY:	JAZ	DATE:	10/02/12
DRAWING NO.:	2095-14-B04C		
REFERENCE:			



**CONCRETE FLOOR SAMPLE LOCATIONS AND DATA**

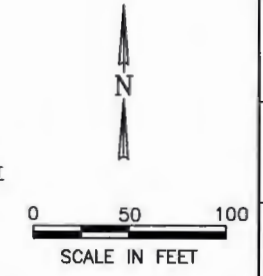
REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
FORMER WABASH ALLOYS  
9100 SOUTH 5TH AVENUE  
OAK CREEK, WISCONSIN



**PILOT STUDY AREA DETAIL**

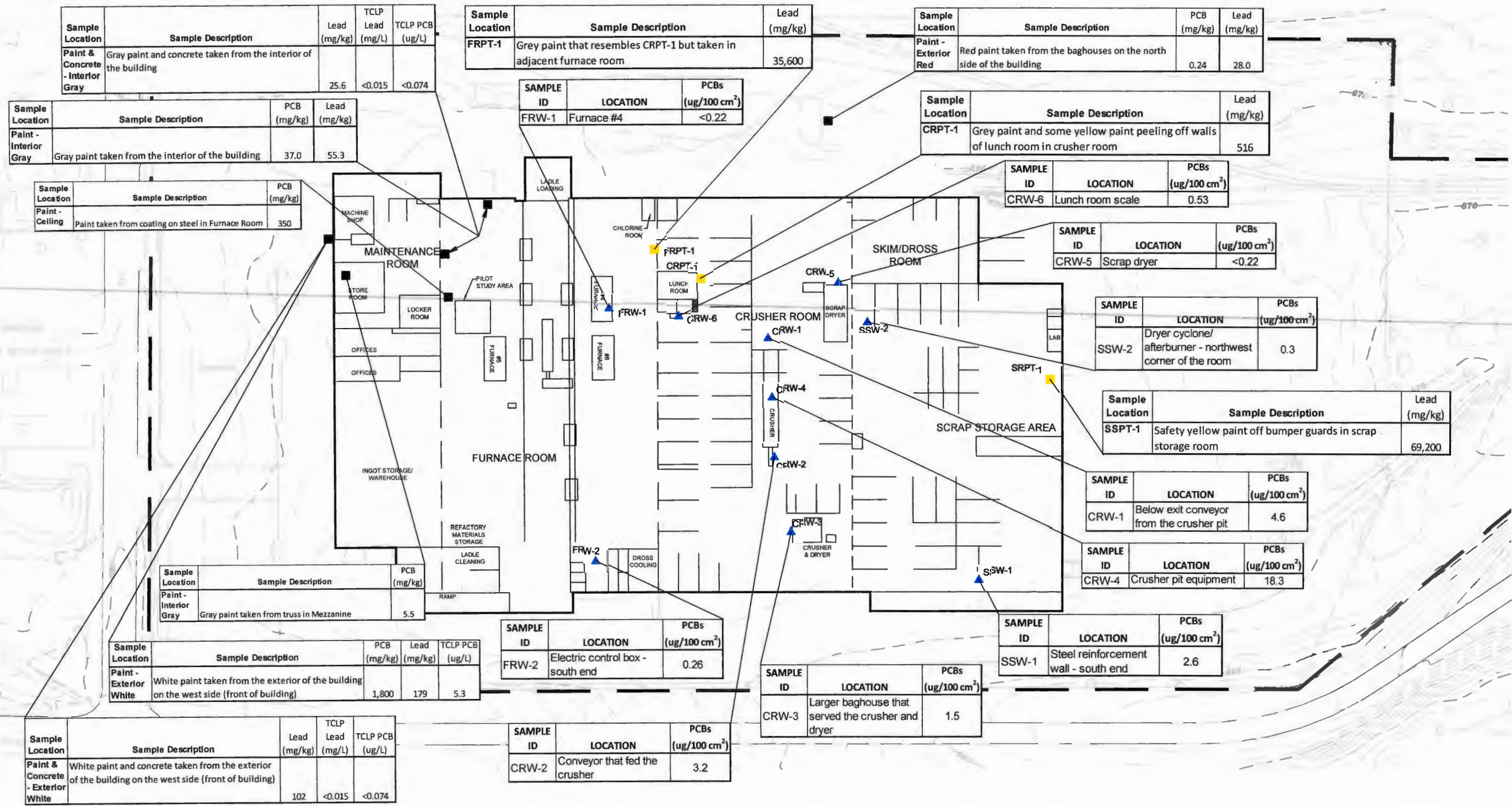
- FC561 FLOOR CORE SAMPLE LOCATION (BY NRT, MAY 2012)
- WC571 WALL CORE SAMPLE LOCATION (BY NRT, MAY 2012)
- FRF-3 FLOOR SAMPLE LOCATION (2010)
- C3 FLOOR CORE SAMPLE LOCATION (2010)
- APPROXIMATE PROPERTY BOUNDARY
- HIGHLIGHT INDICATES PCB CONCENTRATION GREATER THAN 50 mg/kg

SOURCE NOTES:  
1. TETRA TEC FIGURE 14, EXTENT OF SOIL EXCEEDING INDUSTRIAL DIRECT CONTACT RCL, DATED 2/16/12, 4436D-REVISED-OAK CREEK DWG.  
2. RMT FIGURE 4, INTERIOR FLOOR, PAINT, AND WIPE SAMPLING, DATED 8/2/2010, FROM SEGMENT 001 OF PHASE II SITE INVESTIGATION REPORT.  
3. TRC FIGURE 3, INTERIOR FLOOR, PAINT, WIPE, AND GRAB SAMPLING, DATED FEBRUARY 2012, FROM REMEDIATION PLAN, FORMER WABASH FACILITY, DRAFT REPORT.



PROJECT NO.	2095/1.4
FIGURE NO.	4





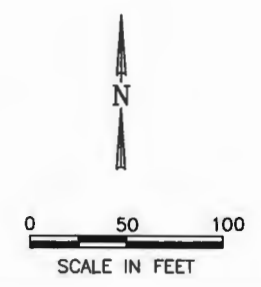
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CHECKED BY:	KMJ	DATE:	09/19/12
APPROVED BY:	JAZ	DATE:	10/02/12
DRAWING NO.:	2095-14-B05C		
REFERENCE:			

**PAINT AND WIPE SAMPLE LOCATIONS AND DATA**

REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
 FORMER WABASH ALLOYS  
 9100 SOUTH 5TH AVENUE  
 OAK CREEK, WISCONSIN

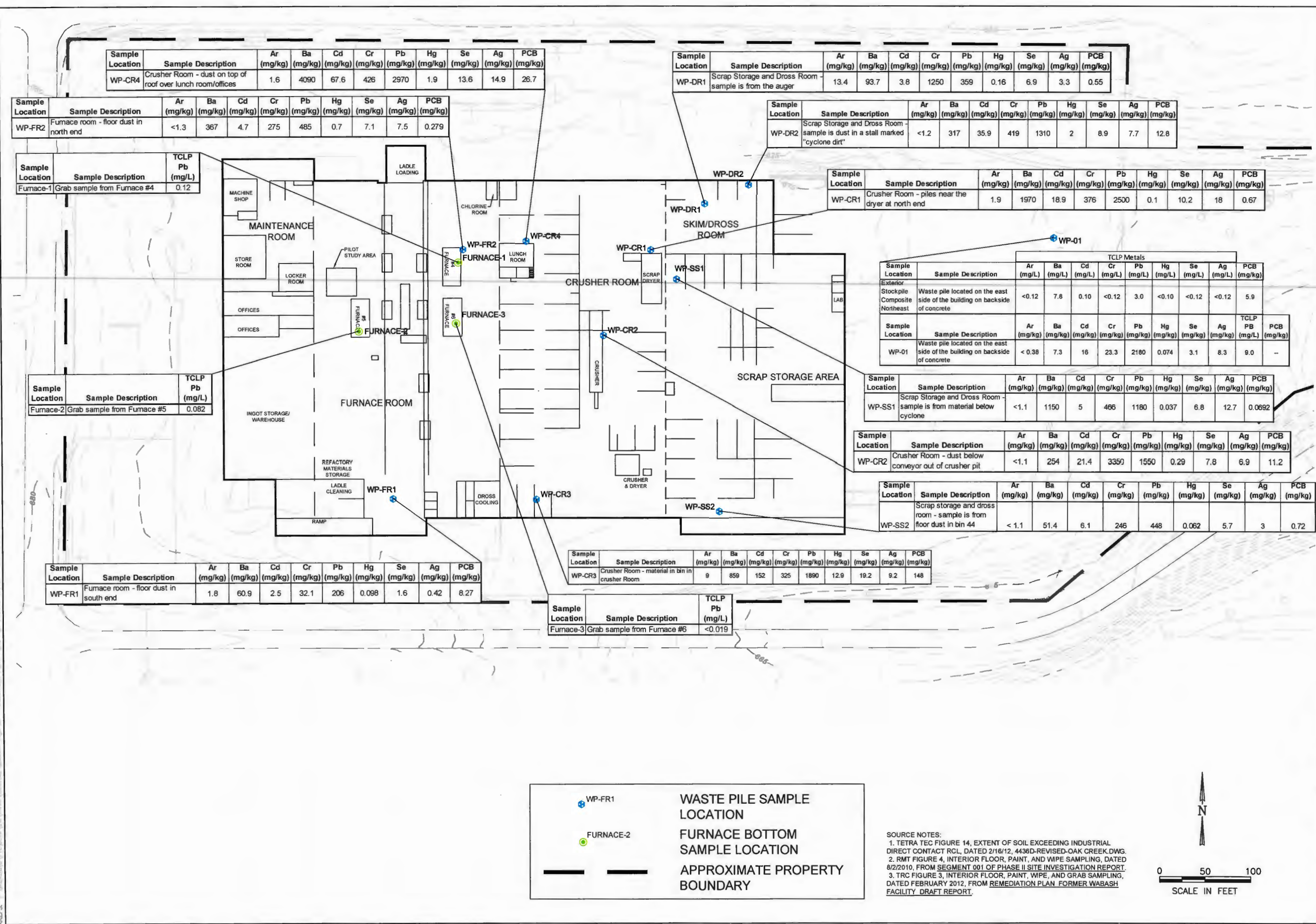
■	PAINT SAMPLE LOCATION (BY NRT, MAY 2011)
■ (yellow)	PAINT SAMPLE LOCATION (2010)
▲ (blue)	WIPE SAMPLE LOCATION (2010)
---	APPROXIMATE PROPERTY BOUNDARY

SOURCE NOTES:  
 1. TETRA TEC FIGURE 14, EXTENT OF SOIL EXCEEDING INDUSTRIAL DIRECT CONTACT RCL, DATED 2/18/12, 4436D-REVISED-OAK CREEK.DWG.  
 2. RMT FIGURE 4, INTERIOR FLOOR, PAINT, AND WIPE SAMPLING, DATED 8/2/2010, FROM SEGMENT 001 OF PHASE II SITE INVESTIGATION REPORT.  
 3. TRC FIGURE 3, INTERIOR FLOOR, PAINT, WIPE, AND GRAB SAMPLING, DATED FEBRUARY 2012, FROM REMEDIATION PLAN FORMER WABASH FACILITY. DRAFT REPORT.



PROJECT NO.	2095/1.4
FIGURE NO.	5





Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-CR4	Crusher Room - dust on top of roof over lunch room/offices	1.6	4090	67.6	426	2970	1.9	13.6	14.9	26.7

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-DR1	Scrap Storage and Dross Room - sample is from the auger	13.4	93.7	3.8	1250	359	0.16	6.9	3.3	0.55

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-FR2	Furnace room - floor dust in north end	<1.3	367	4.7	275	485	0.7	7.1	7.5	0.279

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-DR2	Scrap Storage and Dross Room - sample is dust in a stall marked "cyclone dirt"	<1.2	317	35.9	419	1310	2	8.9	7.7	12.8

Sample Location	Sample Description	TCLP Pb (mg/L)
Furnace-1	Grab sample from Furnace #4	0.12

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-CR1	Crusher Room - piles near the dryer at north end	1.9	1970	18.9	376	2500	0.1	10.2	18	0.67

Sample Location	Sample Description	TCLP Pb (mg/L)
Furnace-2	Grab sample from Furnace #5	0.082

Sample Location	Sample Description	Ar (mg/L)	Ba (mg/L)	Cd (mg/L)	Cr (mg/L)	Pb (mg/L)	Hg (mg/L)	Se (mg/L)	Ag (mg/L)	PCB (mg/kg)
Exterior	Waste pile located on the east side of the building on backside of concrete	<0.12	7.8	0.10	<0.12	3.0	<0.10	<0.12	<0.12	5.9

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	TCLP Pb (mg/L)	PCB (mg/kg)
WP-01	Waste pile located on the east side of the building on backside of concrete	< 0.38	7.3	16	23.3	2180	0.074	3.1	8.3	8.0	-

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-SS1	Scrap Storage and Dross Room - sample is from material below cyclone	<1.1	1150	5	466	1180	0.037	6.8	12.7	0.0692

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-CR2	Crusher Room - dust below conveyor out of crusher pit	<1.1	254	21.4	3350	1550	0.29	7.8	6.9	11.2

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-SS2	Scrap storage and dross room - sample is from floor dust in bin 44	< 1.1	51.4	6.1	246	448	0.062	5.7	3	0.72

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-FR1	Furnace room - floor dust in south end	1.8	60.9	2.5	32.1	206	0.098	1.6	0.42	8.27

Sample Location	Sample Description	Ar (mg/kg)	Ba (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Se (mg/kg)	Ag (mg/kg)	PCB (mg/kg)
WP-CR3	Crusher Room - material in bin in crusher Room	9	859	152	325	1890	12.9	19.2	9.2	148

Sample Location	Sample Description	TCLP Pb (mg/L)
Furnace-3	Grab sample from Furnace #6	<0.019

DRAWN BY: RLH DATE: 09/19/12  
 CHECKED BY: KMJ DATE: 09/19/12  
 APPROVED BY: JAZ DATE: 10/02/12  
 DRAWING NO: 2095-14-B06C  
 REFERENCE:

## WASTE PILE SAMPLE LOCATIONS AND DATA

REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
 FORMER WABASH ALLOYS  
 9100 SOUTH 5TH AVENUE  
 OAK CREEK, WISCONSIN



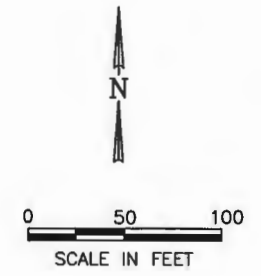
PROJECT NO.  
 2095/1.4

FIGURE NO.  
 6

● WP-FR1  
● FURNACE-2  
 APPROXIMATE PROPERTY BOUNDARY

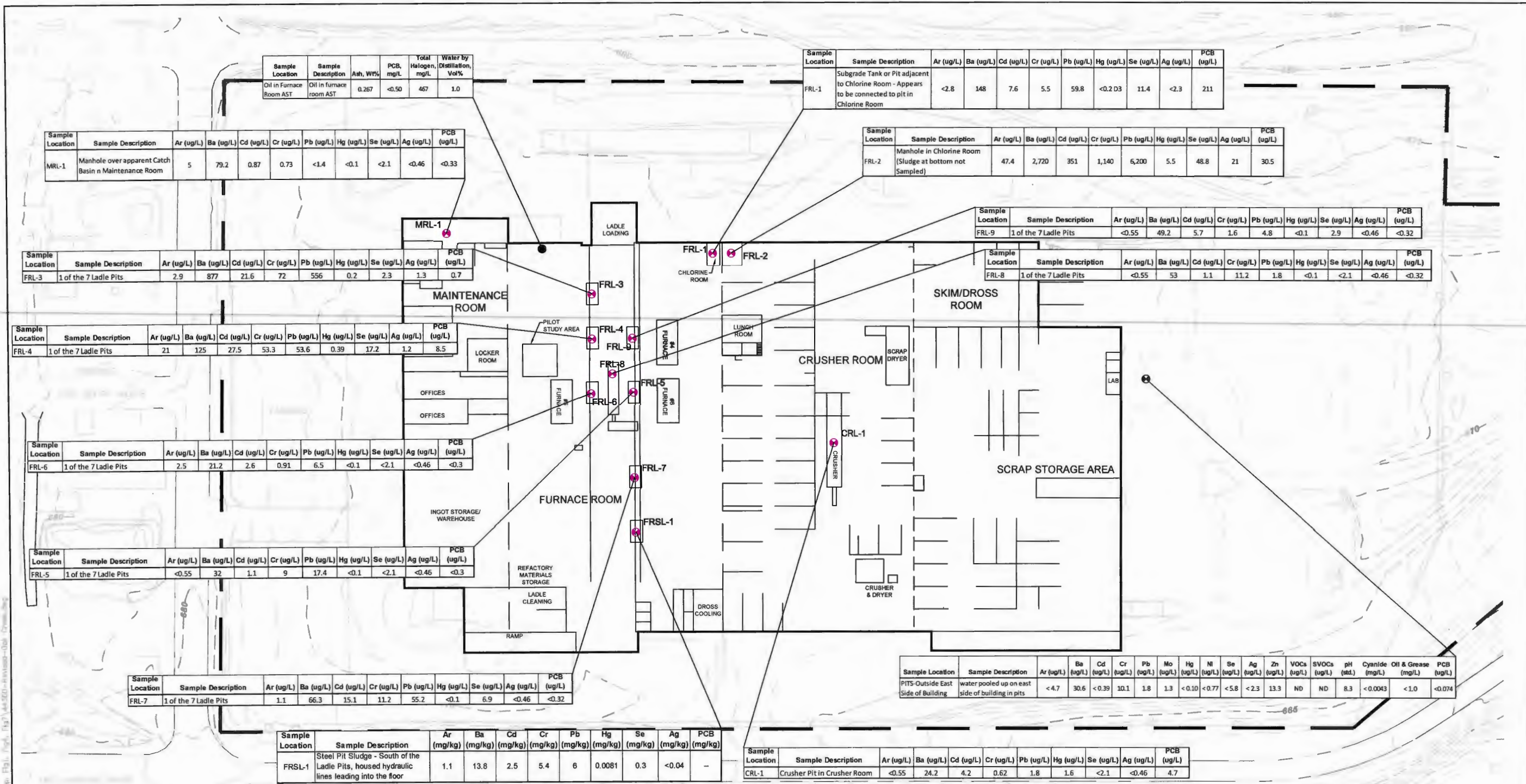
**WASTE PILE SAMPLE LOCATION**  
**FURNACE BOTTOM SAMPLE LOCATION**  
**APPROXIMATE PROPERTY BOUNDARY**

**SOURCE NOTES:**  
 1. TETRA TEC FIGURE 14, EXTENT OF SOIL EXCEEDING INDUSTRIAL DIRECT CONTACT RCL, DATED 2/16/12, 4436D-REVISED-OAK CREEK.DWG.  
 2. RMT FIGURE 4, INTERIOR FLOOR, PAINT, AND WIPE SAMPLING, DATED 8/2/2010, FROM SEGMENT 001 OF PHASE II SITE INVESTIGATION REPORT.  
 3. TRC FIGURE 3, INTERIOR FLOOR, PAINT, WIPE, AND GRAB SAMPLING, DATED FEBRUARY 2012, FROM REMEDIATION PLAN FORMER WABASH FACILITY DRAFT REPORT.



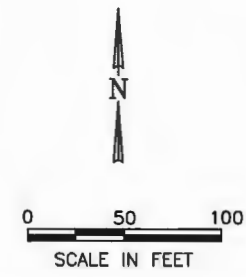
4436D-REVISED-OAK CREEK.DWG  
 8/2/2010  
 4/20  
 3066.c  
 09/19/12  
 10/02/12





- OIL SAMPLE LOCATION (BY NRT, MAY 2012)
- ⊙ PIT LIQUID SAMPLE LOCATION (BY NRT, MAY 2012)
- ⊕ MRL-1 LIQUID/SLUDGE SAMPLE LOCATION (2010)
- — — APPROXIMATE PROPERTY BOUNDARY

SOURCE NOTES:  
 1. TETRA TEC FIGURE 14, EXTENT OF SOIL EXCEEDING INDUSTRIAL DIRECT CONTACT RCL, DATED 2/16/12, 4436D-REVISED-OAK CREEK.DWG.  
 2. RMT FIGURE 4, INTERIOR FLOOR, PAINT, AND WIPE SAMPLING, DATED 8/2/2010, FROM SEGMENT 001 OF PHASE II SITE INVESTIGATION REPORT.  
 3. TRC FIGURE 3, INTERIOR FLOOR, PAINT, WIPE, AND GRAB SAMPLING, DATED FEBRUARY 2012, FROM REMEDIATION PLAN FORMER WABASH FACILITY DRAFT REPORT.



DRAWN BY: RLH DATE: 06/11/12  
 CHECKED BY: RJG DATE: 06/11/12  
 APPROVED BY: JAZ DATE: 10/02/12  
 DRAWING NO: 2095-14-B07C  
 REFERENCE:

**LIQUID SAMPLE LOCATIONS AND DATA**  
 REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
 FORMER WABASH ALLOYS  
 9100 SOUTH 5TH AVENUE  
 OAK CREEK, WISCONSIN



PROJECT NO.  
 2095/1.4  
 FIGURE NO.  
 7





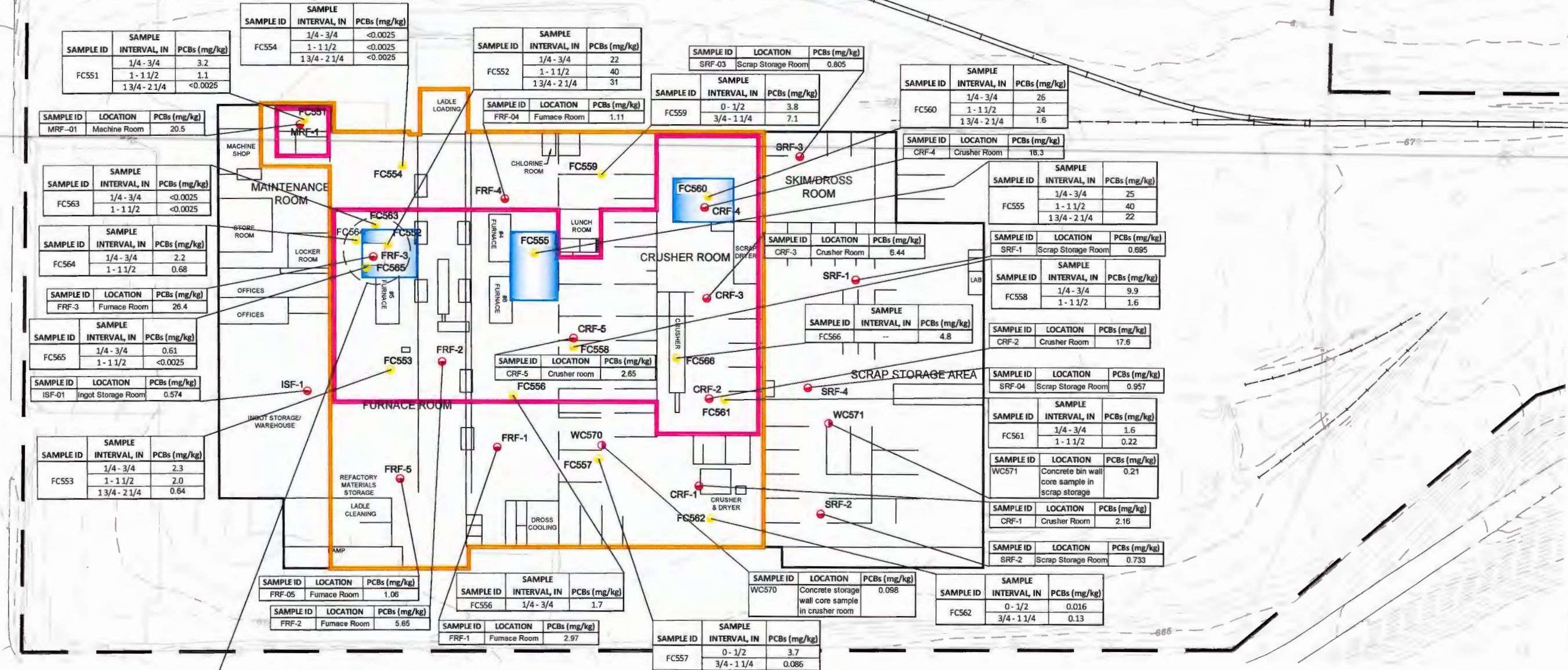


**PILOT STUDY AREA**

SAMPLE ID	LOCATION	PCBs (mg/kg)
Pilot 1 - Dust	Furnace Room	48.1
Pilot 2 - Dust	Furnace Room	55.9
Pilot 3 - Dust	Furnace Room	38.4
Pilot 4 - Dust	Furnace Room	37.9
Pilot 5 - Dust	Furnace Room	28.7

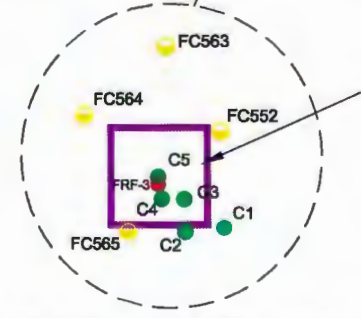
SAMPLE ID	LOCATION	PCBs (mg/kg)	SAMPLE ID	LOCATION	PCBs (mg/kg)	SAMPLE ID	LOCATION	PCBs (mg/kg)	SAMPLE ID	LOCATION	PCBs (mg/kg)
Pilot 2 Concrete	Furnace Room	13.4	Pilot 1 Post	Furnace Room	16.6	C1-0-1	Furnace Room	17.1	C3-1-2	Furnace Room	5.33
Pilot 3 Concrete	Furnace Room	11	Pilot 2 Post	Furnace Room	24.4	C1-1-2	Furnace Room	29.3	C4-0-1	Furnace Room	30.9
Pilot 4 Concrete	Furnace Room	9.97	Pilot 3 Post	Furnace Room	7.21	C2-0-1	Furnace Room	12	C4-1-2	Furnace Room	45.4
Pilot 5 Concrete	Furnace Room	13.4	Pilot 4 Post	Furnace Room	12.3	C2-1-2	Furnace Room	16.6	C5-0-1	Furnace Room	24
			Pilot 5 Post	Furnace Room	11.9	C3-0-1	Furnace Room	15.4	C5-1-2	Furnace Room	53.4

NOTE:  
CORE C1 IS IN PILOT 5 AREA,  
CORE C2 IS IN PILOT 4 AREA,  
CORE C3 IS IN PILOT 3 AREA,  
CORE C4 IS IN PILOT 2 AREA,  
CORE C5 IS IN PILOT 1 AREA.



DRAWN BY: RLH DATE: 08/31/12  
 CHECKED BY: JAZ DATE: 08/31/12  
 APPROVED BY: JAZ DATE: 10/02/12  
 DRAWING NO: 2095-14-B09C  
 REFERENCE:

**REMEDIAL ACTION PLAN - CONCRETE FLOOR**  
 REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
 FORMER WABASH ALLOYS  
 9100 SOUTH 5TH AVENUE  
 OAK CREEK, WISCONSIN

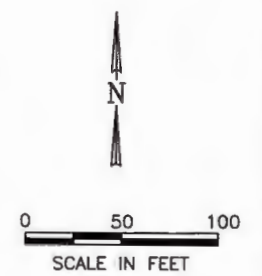


REMOVE 20 FT. X 20 FT. CONCRETE SLAB WITHIN THIS AREA AND DISPOSE AS TSCA WASTE. FILL REMOVED SECTION WITH FLOWABLE FILL.

**PILOT STUDY AREA DETAIL**  
SCALE = 1:40

<span style="color: yellow;">●</span> FC561	FLOOR SAMPLE LOCATION (BY NRT, MAY 2012)
<span style="color: red;">●</span> WC571	WALL SAMPLE LOCATION (BY NRT, MAY 2012)
<span style="color: red;">●</span> FRF-3	FLOOR SAMPLE LOCATION (2010)
<span style="color: green;">●</span> C3	FLOOR CORE SAMPLE LOCATION (2010)
<span style="border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></span>	SCARIFY AREA 1/4"
<span style="background-color: blue; width: 20px; height: 10px; display: inline-block;"></span>	ENCAPSULATE PER 40 CFR 761 (EPOXY COATING OR APPROVED SOLID BARRIER)
<span style="background-color: orange; width: 20px; height: 10px; display: inline-block;"></span>	10" SOIL COVER (GENERAL FILL)
<span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span>	APPROXIMATE PROPERTY BOUNDARY
<span style="background-color: yellow; border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></span>	HIGHLIGHT INDICATES PCB CONCENTRATION GREATER THAN 50 mg/kg

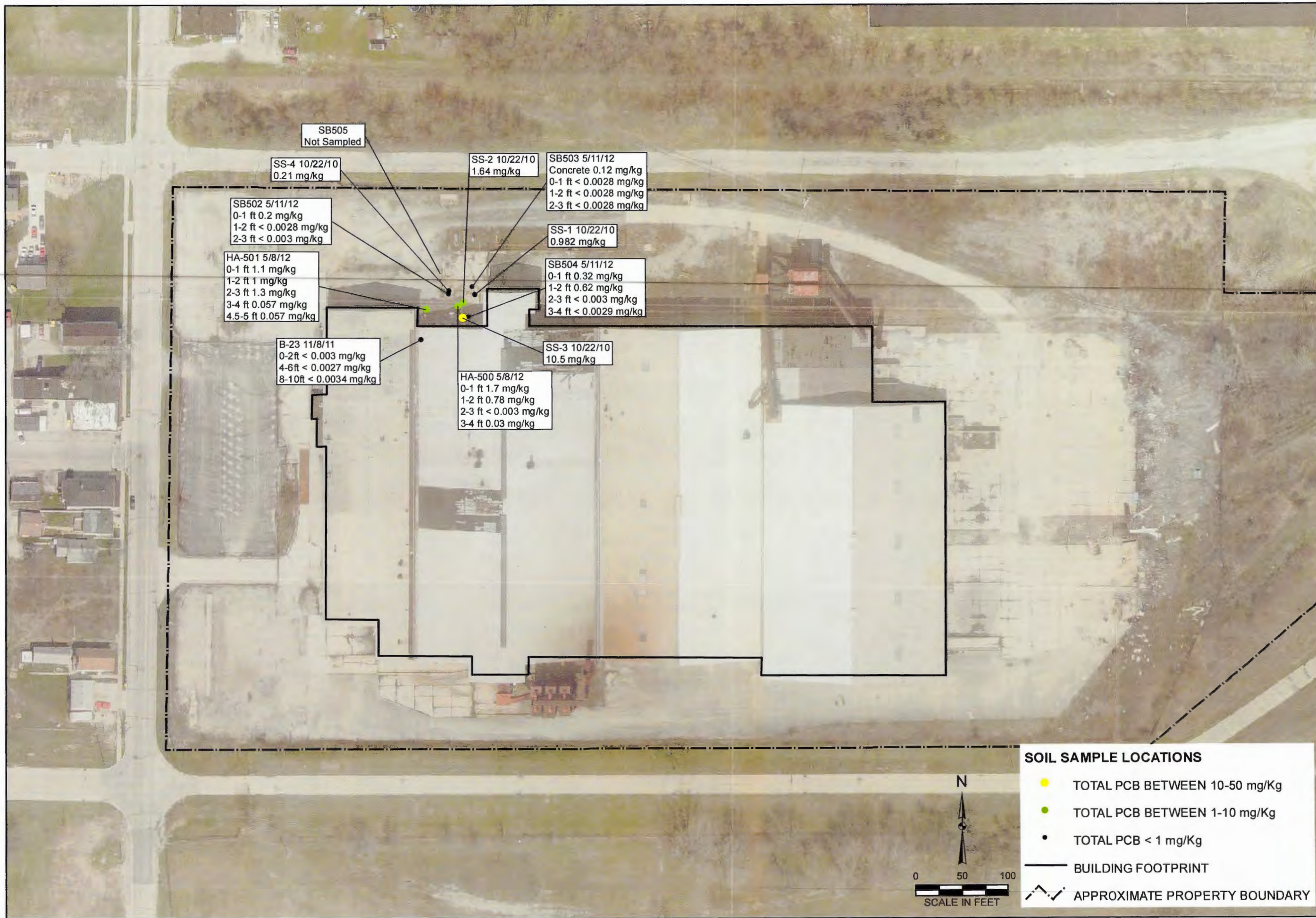
SOURCE NOTES:  
 1. TETRA TEC FIGURE 14, EXTENT OF SOIL EXCEEDING INDUSTRIAL DIRECT CONTACT RCL, DATED 2/16/12, 4438D-REVISED-OAK CREEK DWG.  
 2. RMT FIGURE 4, INTERIOR FLOOR, PAINT, AND WIPE SAMPLING, DATED 8/2/2010, FROM SEGMENT 001 OF PHASE II SITE INVESTIGATION REPORT.  
 3. TRC FIGURE 3, INTERIOR FLOOR, PAINT, WIPE, AND GRAB SAMPLING, DATED FEBRUARY 2012, FROM REMEDIATION PLAN FORMER WABASH FACILITY DRAFT REPORT.



PROJECT NO.  
2095/1.4

FIGURE NO.  
9





SB505  
Not Sampled

SS-4 10/22/10  
0.21 mg/kg

SS-2 10/22/10  
1.64 mg/kg

SB503 5/11/12  
Concrete 0.12 mg/kg  
0-1 ft < 0.0028 mg/kg  
1-2 ft < 0.0028 mg/kg  
2-3 ft < 0.0028 mg/kg

SB502 5/11/12  
0-1 ft 0.2 mg/kg  
1-2 ft < 0.0028 mg/kg  
2-3 ft < 0.003 mg/kg

SS-1 10/22/10  
0.982 mg/kg

HA-501 5/8/12  
0-1 ft 1.1 mg/kg  
1-2 ft 1 mg/kg  
2-3 ft 1.3 mg/kg  
3-4 ft 0.057 mg/kg  
4.5-5 ft 0.057 mg/kg

SB504 5/11/12  
0-1 ft 0.32 mg/kg  
1-2 ft 0.62 mg/kg  
2-3 ft < 0.003 mg/kg  
3-4 ft < 0.0029 mg/kg

B-23 11/8/11  
0-2ft < 0.003 mg/kg  
4-6ft < 0.0027 mg/kg  
8-10ft < 0.0034 mg/kg

SS-3 10/22/10  
10.5 mg/kg

HA-500 5/8/12  
0-1 ft 1.7 mg/kg  
1-2 ft 0.78 mg/kg  
2-3 ft < 0.003 mg/kg  
3-4 ft 0.03 mg/kg

DRAWN BY/DATE:  
TDC 5/29/12  
REVIEWED BY/DATE:  
RJG 5/30/12  
APPROVED BY/DATE:  
JAZ 10/02/12

### PCB SOIL DATA - TRANSFORMER AREA

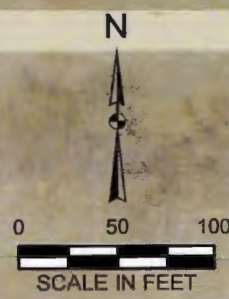
REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
FORMER WABASH ALLOYS  
9100 SOUTH 5TH AVENUE  
OAK CREEK, WISCONSIN

**SOIL SAMPLE LOCATIONS**

- TOTAL PCB BETWEEN 10-50 mg/Kg
- TOTAL PCB BETWEEN 1-10 mg/Kg
- TOTAL PCB < 1 mg/Kg

— BUILDING FOOTPRINT

- - - - - APPROXIMATE PROPERTY BOUNDARY

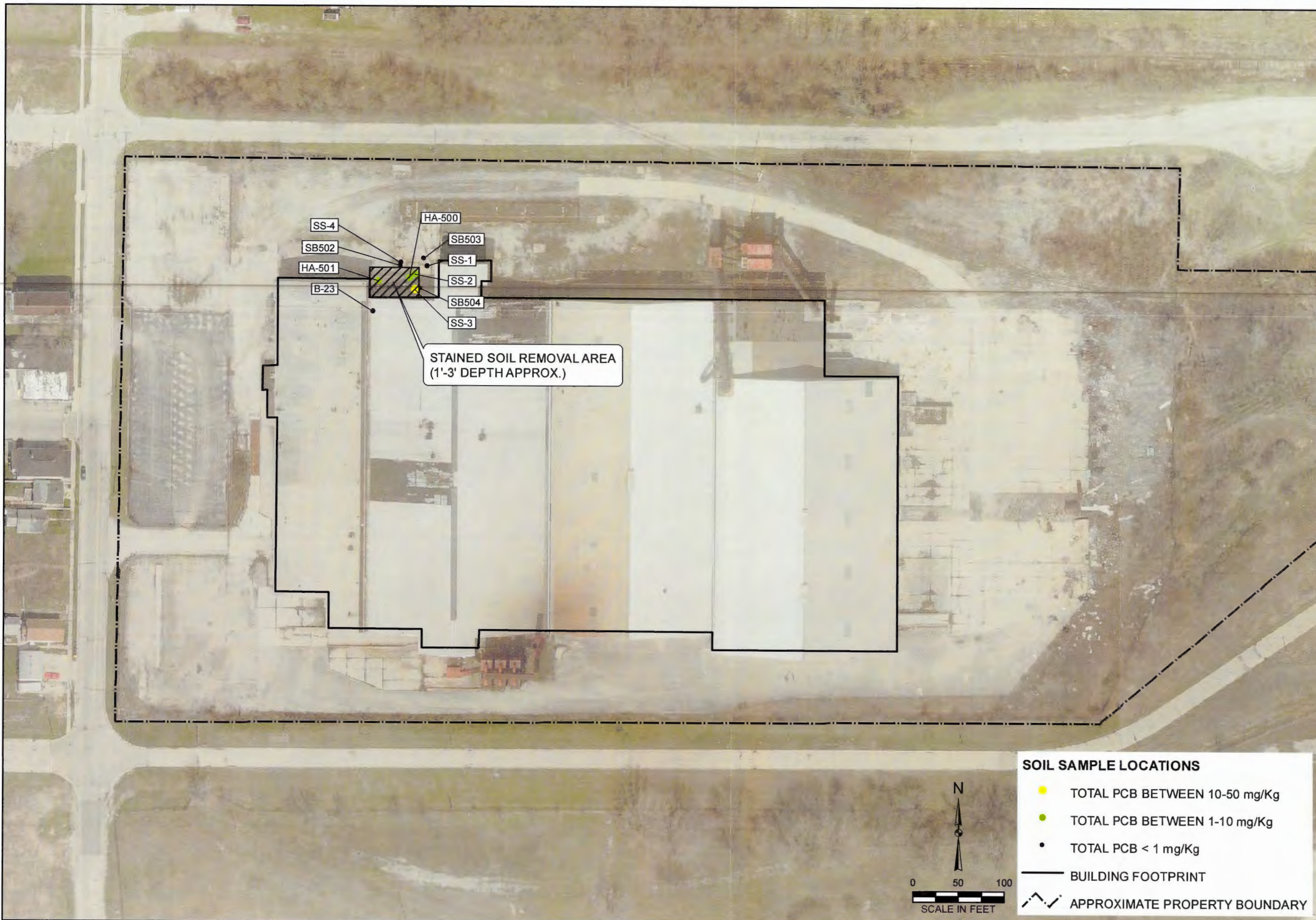


PROJECT NO: 2095

FIGURE NO: 10







DRAWN BY/DATE:  
TDC 5/29/12  
REVIEWED BY/DATE:  
RJG 5/30/12  
APPROVED BY/DATE:  
JAZ 10/02/12

### EXCAVATION PLAN - TRANSFORMER AREA

REMEDIAL ACTION PLAN FOR FACILITY DEMOLITION  
FORMER WABASH ALLOYS  
9100 SOUTH 5TH AVENUE  
OAK CREEK, WISCONSIN

**SOIL SAMPLE LOCATIONS**

- TOTAL PCB BETWEEN 10-50 mg/Kg
- TOTAL PCB BETWEEN 1-10 mg/Kg
- TOTAL PCB < 1 mg/Kg

— BUILDING FOOTPRINT

- - - - - APPROXIMATE PROPERTY BOUNDARY

PROJECT NO: 2095

FIGURE NO: 11





## TABLES

**Table 1. Concrete Floor Sample Results**

Remedial Action Plan for Facility Demolition  
Former Wabash Alloys Facility  
Oak Creek, Wisconsin

Location	Sample Depth (Inches)	Sample Date	PCB, Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)
Target Level			10							
TSCA Limit			50							
FC551	1/4-3/4	05/14/12	3.2	< 0.0076	< 0.0065	< 0.0072	< 0.0045	2.0	1.2	< 0.0025
	1-1 1/2	05/14/12	1.1	< 0.0077	< 0.0065	< 0.0073	< 0.0046	0.66	0.41	0.065
	1 3/4-2 1/4	05/14/12	< 0.0025	< 0.0076	< 0.0065	< 0.0072	< 0.0045	< 0.0055	< 0.0045	< 0.0025
FC552	1/4-3/4	05/10/12	22	< 0.0075	< 0.0064	< 0.0071	< 0.0045	8.8	12	0.85
	1-1 1/2	05/10/12	40	< 0.0075	< 0.0064	< 0.0071	< 0.0045	16	23	1.7
	1 3/4-2 1/4	05/10/12	31	< 0.0076	< 0.0065	< 0.0072	< 0.0045	12	18	1.4
FC553	1/4-3/4	05/10/12	2.3	< 0.0075	< 0.0064	< 0.0071	< 0.0045	1.1	1.2	< 0.0024
	1-1 1/2	05/10/12	2.0	< 0.0075	< 0.0064	< 0.0071	< 0.0045	1	0.93	< 0.0024
	1 3/4-2 1/4	05/10/12	0.64	< 0.0076	< 0.0065	< 0.0072	< 0.0045	0.4	0.29	< 0.0025
FC554	1/4-3/4	05/14/12	< 0.0025	< 0.0076	< 0.0065	< 0.0072	< 0.0045	< 0.0055	< 0.0045	< 0.0025
	1-1 1/2	05/14/12	< 0.0025	< 0.0077	< 0.0066	< 0.0073	< 0.0046	< 0.0055	< 0.0046	< 0.0025
	1 3/4-2 1/4	05/14/12	< 0.0025	< 0.0077	< 0.0066	< 0.0073	< 0.0046	< 0.0055	< 0.0046	< 0.0025
FC555	1/4-3/4	05/14/12	25	2.6	< 0.065	< 0.072	< 0.045	11	9.3	1.9
	1-1 1/2	05/14/12	40	4.7	< 0.064	< 0.072	< 0.045	18	16	1.7
	1 3/4-2 1/4	05/14/12	22	2.6	< 0.065	< 0.072	< 0.045	10	9.2	< 0.0025
FC556	1/4-3/4	05/14/12	1.7	< 0.0075	< 0.0064	< 0.0071	< 0.0045	0.72	0.66	0.32
FC557	0-1/2	05/14/12	3.7	< 0.0077	< 0.0066	< 0.0073	< 0.0046	1.6	1.7	0.44
	3/4-1 1/4	05/14/12	0.086	< 0.0077	< 0.0065	< 0.0072	< 0.0046	0.028	0.057	< 0.0025
FC558 Dup 4	1/4-3/4	05/14/12	9.9	< 0.0076	< 0.0064	< 0.0071	< 0.0045	4.9	4.2	0.86
	1/4-3/4	05/14/12	6.3	2	< 0.0065	< 0.0072	< 0.0045	3	1.3	< 0.0025
	1-1 1/2	05/14/12	1.6	< 0.0076	< 0.0065	< 0.0072	< 0.0045	0.82	0.71	0.066
FC559	0-1/2-1/2	05/15/12	3.8	< 0.0076	< 0.0065	< 0.0072	< 0.0045	2.1	1.8	< 0.0025
	3/4-1 1/4	05/15/12	7.1	< 0.0077	< 0.0065	< 0.0073	< 0.0046	3.4	3.1	0.7
FC560	1/4-3/4	05/14/12	26	3.5	< 0.032	< 0.036	< 0.022	10	10	1.2
	1-1 1/2	05/14/12	24	4.4	< 0.033	< 0.036	< 0.023	9.8	8.9	0.66
	1 3/4-2 1/4	05/14/12	1.6	< 0.0078	< 0.0066	< 0.0074	< 0.0046	0.82	0.78	< 0.0025
FC561	1/4-3/4	05/15/12	1.6	< 0.0076	< 0.0065	< 0.0072	< 0.0045	0.4	0.98	0.25
	1-1 1/2	05/15/12	0.22	< 0.0076	< 0.0065	< 0.0072	< 0.0045	0.071	0.14	< 0.0025
FC562	0-1/2	05/15/12	0.016	< 0.0075	< 0.0064	< 0.0071	< 0.0045	0.016	< 0.0045	< 0.0024
	3/4-1 1/4	05/15/12	0.13	< 0.0076	< 0.0064	< 0.0072	< 0.0045	0.034	0.096	< 0.0025
FC563	1/4-3/4	05/15/12	< 0.0025	< 0.0076	< 0.0065	< 0.0072	< 0.0045	< 0.0054	< 0.0045	< 0.0025
	1-1 1/2	05/15/12	< 0.0024	< 0.0076	< 0.0064	< 0.0071	< 0.0045	< 0.0054	< 0.0045	< 0.0024
FC564	1/4-3/4	05/15/12	2.2	< 0.0076	< 0.0065	< 0.0072	< 0.0045	1.1	1.0	< 0.0025
	1-1 1/2	05/15/12	0.68	< 0.0077	< 0.0066	< 0.0073	< 0.0046	0.35	0.27	0.059
FC565	1/4-3/4	05/15/12	0.61	< 0.0075	< 0.0064	< 0.0071	< 0.0045	0.2	0.33	0.079
	1-1 1/2	05/15/12	< 0.0025	< 0.0076	< 0.0065	< 0.0072	< 0.0045	< 0.0055	< 0.0045	< 0.0025
FC566	-	05/18/12	4.8	< 0.0078	< 0.0066	< 0.0074	4	< 0.0056	0.78	< 0.0025



**Table 1. Concrete Floor Sample Results**

Remedial Action Plan for Facility Demolition  
Former Wabash Alloys Facility  
Oak Creek, Wisconsin

Location	Sample Depth (Inches)	Sample Date	PCB, Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)
Target Level			10							
TSCA Limit			50							
WC-570 <sup>b</sup>	-	05/10/12	0.098	< 0.0075	< 0.0064	< 0.0071	< 0.0044	0.031	0.054	0.012
WC-571 <sup>b</sup>	-	05/10/12	0.21	< 0.0076	< 0.0065	< 0.0072	< 0.0045	0.1	0.1	< 0.0025
FRF-04	-	09/16/10	1.11	-	-	-	-	-	-	-
FRF-05	-	09/16/10	1.06	-	-	-	-	-	-	-
FRF-1	-	05/20/10	2.97	-	-	-	-	-	-	-
FRF-2	-	05/20/10	5.65	-	-	-	-	-	-	-
FRF-3	-	05/20/10	26.4	-	-	-	-	-	-	-
CRF-1	-	05/20/10	2.16	-	-	-	-	-	-	-
CRF-2	-	05/20/10	17.6	-	-	-	-	-	-	-
CRF-3	-	05/20/10	6.44	-	-	-	-	-	-	-
CRF-4	-	05/20/10	16.3	-	-	-	-	-	-	-
CRF-5	-	05/20/10	2.65	-	-	-	-	-	-	-
CRF-DUP	-	05/20/10	22.3	-	-	-	-	-	-	-
SRF-03	-	09/16/10	0.805	-	-	-	-	-	-	-
SRF-04	-	09/16/10	0.957	-	-	-	-	-	-	-
SRF-1	-	05/20/10	0.695	-	-	-	-	-	-	-
SRF-2	-	05/20/10	0.733	-	-	-	-	-	-	-
ISF-01	-	09/16/10	0.574	-	-	-	-	-	-	-
MRF-01	-	09/16/10	20.5	-	-	-	-	-	-	-
Pilot 1 - Dust	-	09/17/10	46.1	-	-	-	-	-	-	-
Pilot 1 Post	-	09/17/10	16.6	-	-	-	-	-	-	-
Pilot 2 - Dust	-	09/17/10	55.9	-	-	-	-	-	-	-
Pilot 2 Concrete	-	09/17/10	13.4	-	-	-	-	-	-	-
Pilot 2 Post	-	09/17/10	24.4	-	-	-	-	-	-	-
Pilot 3 - Dust	-	09/17/10	38.4	-	-	-	-	-	-	-
Pilot 3 Concrete	-	09/17/10	11	-	-	-	-	-	-	-
Pilot 3 Post	-	09/17/10	7.21	-	-	-	-	-	-	-
Pilot 4 - Dust	-	09/17/10	37.9	-	-	-	-	-	-	-
Pilot 4 Concrete	-	09/17/10	9.97	-	-	-	-	-	-	-
Pilot 4 Post	-	09/17/10	12.3	-	-	-	-	-	-	-
Pilot 5 - Dust	-	09/17/10	26.7	-	-	-	-	-	-	-
Pilot 5 Concrete	-	09/17/10	13.4	-	-	-	-	-	-	-
Pilot 5 Post	-	09/17/10	11.2	-	-	-	-	-	-	-



**Table 1. Concrete Floor Sample Results**

Remedial Action Plan for Facility Demolition  
Former Wabash Alloys Facility  
Oak Creek, Wisconsin

Location	Sample Depth (Inches)	Sample Date	PCB, Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)
Target Level			<i>10</i>							
TSCA Limit			<b>50</b>							
C1	0-1	10/25/10	<u><i>17.1</i></u>	< 0.719	< 0.719	< 0.719	< 0.719	5.94	11.1	< 0.719
C1	1-2	10/25/10	<u><i>29.3</i></u>	< 1.21	< 1.21	< 1.21	< 1.21	10.4	18.9	< 1.21
C2	0-1	10/25/10	<u><i>12</i></u>	< 0.483	< 0.483	< 0.483	< 0.483	5.11	6.9	< 0.483
C2	1-2	10/25/10	<u><i>16.6</i></u>	< 0.728	< 0.728	< 0.728	< 0.728	7.83	8.75	< 0.728
C3	0-1	10/25/10	<u><i>15.4</i></u>	< 0.734	< 0.734	< 0.734	< 0.734	7.04	8.35	< 0.734
C3	1-2	10/25/10	<u><i>5.33</i></u>	< 0.125	< 0.125	< 0.125	< 0.125	2.35	2.97	< 0.125
C4	0-1	10/25/10	<u><i>30.9</i></u>	< 1.21	< 1.21	< 1.21	< 1.21	13.6	17.3	< 1.21
C4	1-2	10/25/10	<u><i>45.4</i></u>	< 2.45	< 2.45	< 2.45	< 2.45	21.9	23.5	< 2.45
C5	0-1	10/25/10	<u><i>24</i></u>	< 1.2	< 1.2	< 1.2	< 1.2	11.6	12.4	< 1.2
C5	1-2	10/25/10	<u><i>53.4</i></u>	< 2.45	< 2.45	< 2.45	< 2.45	26.2	27.2	< 2.45

Notes:

- 1) All sample locations are concrete floor samples, except as noted (i.e. "WCs" are wall cores)
- 2) Parameters that attain or exceed the Target level are italicized and underlined.
- 3) Parameters that attain or exceed the TSCA limit are bolded.
- 4) CRF-DUP collected from CRF-4 location.
- 5) There is not a "Pilot 1" sample. That pilot cleaning was conducted at the FRF-3 location.
- 6) All pilot tests were conducted in the immediate vicinity of FRF-3.
- 7) Core C1 is in Pilot 5 area, core C2 is in Pilot 4 area, core C3 is in Pilot 3 area, core C4 is in Pilot 2 area, and core C5 is in Pilot 1 area.
- 8) Sample locations "WC" are concrete wall cores (interior divider walls).  
 < 0.5 : Parameter not detected above the Limit of Detection indicated.  
 DUP : Duplicate sample  
 -- : Analysis not performed.

**Table 2. Paint Sample Analytical Results**

Remedial Action Plan for Facility Demolition  
Former Wabash Alloys Facility  
Oak Creek, Wisconsin

Sample ID	Sample Location	Sample Date	Lead, Total (mg/kg)	Lead, TCLP (mg/L)	PCB, TCLP (ug/L)	PCB, Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)
RCRA Hazardous Waste Level				<u>5</u>									
TSCA Limit						<b>50</b>							
Paint - Exterior Red	North Baghouse	05/10/12	28	-	-	0.24	< 0.0076	< 0.0065	< 0.0072	< 0.0045	0.085	0.16	< 0.0025
Paint - Exterior White	Front of Building	05/10/12	179	-	5.3	<b>1,800</b>	< 19	< 16	< 18	< 11	< 13	1,800	< 6.1
Paint & Concrete - Exterior White	Front of Building	05/10/12	102	< 0.015	< 0.074	-	-	-	-	-	-	-	-
Paint - Interior Gray	Furnace Room	05/10/12	55.3	-	-	37	< 0.4	< 0.34	< 0.38	< 0.24	8.6	21	7.3
Paint & Concrete - Interior Gray	Furnace Room	05/10/12	25.6	< 0.015	< 0.074	-	-	-	-	-	-	-	-
SSPT-1	Safety Yellow Paint in Storage Room	05/20/10	69,200 <sup>(3)</sup>	-	-	-	-	-	-	-	-	-	-
CRPT-1	Gray Paint & Yellow Paint in Lunch Room	05/20/10	516	-	-	-	-	-	-	-	-	-	-
FRPT-1	Gray Paint in Furnace Room	05/20/10	35,600 <sup>(3)</sup>	-	-	-	-	-	-	-	-	-	-
Gray Paint on Truss	Store Room Mezannine	07/14/12	-	-	-	5.5	0.64	<0.011	<0.012	<0.0074	1.7	3.2	<0.0040
Ceiling Paint (coating on steel)	Furnace Room Coating on Steel	07/14/12	-	-	-	350	29	<0.68	<0.76	<0.48	98	230	<0.26

Notes:

- 1) Parameters that attain or exceed the RCRA Hazardous Waste level are italicized and underlined.
- 2) Parameters that attain or exceed the TSCA limit are bolded.
- 3) Indicates lead-based paint (total lead greater than 0.06% by weight).  
< 0.5 : Parameter not detected above the Limit of Detection indicated.  
- : Analysis not performed.

**Table 3. Wipe Sample Results**

Remedial Action Plan for Facility Demolition  
 Former Wabash Alloys Facility  
 Oak Creek, Wisconsin

Sample ID	Sample Location	Sample Date	PCB, Total (ug/100 cm <sup>2</sup> )	PCB-1016 (ug/100 cm <sup>2</sup> )	PCB-1221 (ug/100 cm <sup>2</sup> )	PCB-1232 (ug/100 cm <sup>2</sup> )	PCB-1242 (ug/100 cm <sup>2</sup> )	PCB-1248 (ug/100 cm <sup>2</sup> )	PCB-1254 (ug/100 cm <sup>2</sup> )	PCB-1260 (ug/100 cm <sup>2</sup> )
TSCA Limit			<b>10</b>							
SSW-1	Steel reinforcement wall - south end	05/20/10	2.66	< 0.22	< 0.22	< 0.22	0.66	< 0.22	2	< 0.22
SSW-2	Dryer cyclone/afterburner - north end	05/20/10	0.3	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	0.3	< 0.22
CRW-1	Exit conveyor from crusher pit	05/20/10	4.6	< 0.22	< 0.22	< 0.22	1.9	< 0.22	2.7	< 0.22
CRW-2	Incoming conveyor to crusher pit	05/20/10	3.2	< 0.22	< 0.22	< 0.22	0.73	< 0.22	2.4	< 0.22
CRW-3	Crusher baghouse	05/20/10	1.5	< 0.22	< 0.22	< 0.22	0.31	< 0.22	1.2	< 0.22
CRW-4	Crusher pit equipment	05/20/10	<b>18.3</b>	< 0.44	< 0.44	< 0.44	7.8	< 0.44	8.8	1.6
CRW-5	Scrap dryer	05/20/10	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
CRW-6	Lunch room scale	05/20/10	0.53	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	0.53	< 0.22
FRW-1	Furnace #4	05/20/10	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
FRW-1 DUP	Furnace #4	05/20/10	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22
FRW-2	Electric control box - south end	05/20/10	0.26	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	0.26	< 0.22

## Notes:

- 1) Parameters that attain or exceed the TSCA limit are bolded.  
 < 0.5 : Parameter not detected above the Limit of Detection indicated.  
 DUP : Duplicate sample

**Table 4. Waste Pile Sample Analytical Results**

Remedial Action Plan for Facility Demolition  
 Former Wabash Alloys Facility  
 Oak Creek, Wisconsin

Sample Location	Sample Description	Sample Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	PCB, Total (mg/kg)
TSCA Limit											50
WP-DR1	Scrap Storage and Dross Room - sample is from the auger	5/20/2010	13.4	93.7	3.8	1250	359	0.16	6.9	3.3	0.55
WP-DR2	Scrap Storage and Dross Room - sample is dust in a stall marked "cyclone dirt"	5/20/2010	< 1.2	317	35.9	419	1310	2.0	8.9	7.7	12.8
WP-CR1	Crusher Room - piles near the dryer at north end	5/20/2010	1.9	1970	18.9	376	2500	0.1	10.2	18.0	0.67
WP-CR2	Crusher Room - dust below conveyor out of crusher pit	5/20/2010	< 1.1	254	21.4	3350	1550	0.29	7.8	6.9	11.2
WP-CR3	Crusher Room - material in bin in crusher Room	5/20/2010	9	859	152	325	1890	12.9	19.2	9.2	148
WP-CR4	Crusher Room - dust on top of roof over lunch room/offices	5/20/2010	1.6	4090	67.6	426	2970	1.9	13.6	14.9	26.7
WP-FR1	Furnace room - floor dust in south end	5/20/2010	1.8	60.9	2.5	32.1	206	0.098	1.6	0.42	8.27
WP-FR2	Furnace room - floor dust in north end	5/20/2010	< 1.3	367	4.7	275	485	0.7	7.1	7.5	0.279
WP-SS1	Scrap Storage and Dross Room - sample is from material below cyclone	5/20/2010	< 1.1	1150	5	466	1180	0.037	6.8	12.7	0.0692
WP-SS2	Scrap storage and dross room - sample is from floor dust in bin 44	5/20/2010	< 1.1	51.4	6.1	246	448	0.062	5.7	3	0.72
WP-DUP		5/20/2010	< 1.0	9	4.5	975	945	0.026	5.9	3.4	0.232
WP-01	Waste pile located on the east side of the building near the back side of the concrete	10/22/2010	< 0.38	7.3	16	23.3	2180	0.074	3.1	8.3	--
FRSL-1	Steel Pit Sludge - South of the Ladle Pits, housed hydraulic lines leading into the floor	5/21/2010	1.1	13.8	2.5	5.4	6.0	0.0081	0.3	<0.04	--

**Table 4. Waste Pile Sample Analytical Results**

Remedial Action Plan for Facility Demolition  
 Former Wabash Alloys Facility  
 Oak Creek, Wisconsin

TCLP METALS			Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Mercury (mg/L)	Selenium (mg/L)	Silver (mg/L)	PCB Total (mg/kg)
RCRA Hazardous Waste Level			<u>5.0</u>	<u>100</u>	<u>1.0</u>	<u>5.0</u>	<u>5.0</u>	<u>0.2</u>	<u>1.0</u>	<u>5.0</u>	
TSCA Limit											<b>50</b>
WP-COMP	Composite sample collected from aliquots of each sample	5/20/2010	< 0.0028	9.6	0.1	0.0062	0.37	< 0.1	< 0.011	< 0.0023	7.12
WP-01	Waste pile located on the east side of the building near the back side of the concrete	10/22/2010	--	--	--	--	<u>9.0</u>	--	--	--	--
Exterior Stockpile Composite Northeast	Waste pile located on the east side of the building near the back side of the concrete	7/24/2012	<0.12	7.8	0.10	<0.12	3.0	<0.10	<0.12	<0.12	5.9
Furnace-1	Grab sample from Furnace #4	10/22/2010	--	--	--	--	0.12	--	--	--	--
Furnace-2	Grab sample from Furnace #5	10/22/2010	--	--	--	--	0.082	--	--	--	--
Furnace-3	Grab sample from Furnace #6	10/22/2010	--	--	--	--	< 0.019	--	--	--	--

Notes:

- 1) The waste pile composite sample (WP-COMP) was analyzed for TCLP metals. Results are in mg/L except for PCB which is in mg/kg.
  - 2) Parameters that attain or exceed the RCRA Hazardous Waste Level are italicized and underlined.
  - 3) Parameters that attain or exceed the TSCA limit are bolded.
  - 4) WP-DUP collected from unknown waste pile location.
- < 0.5 : Parameter not detected above the Limit of Detection indicated.  
 DUP : Duplicate sample  
 -- : Analysis not performed.



**Table 5. Liquid Sample Analytical Results**  
Remedial Action Plan for Facility Demolition  
Former Wabash Alloys Facility  
Oak Creek, Wisconsin

Sample Location	Sample Description	Sample Date	3&4-Methylphenol(m&p Cresol) (ug/L)	4-Chloro-3-methylphenol (ug/L)	Benzo(e)pyrene (ug/L)	Benzo(g,h,i)perylene (ug/L)	bis(2-Ethylhexyl)phthalate (ug/L)	Chloromethane (ug/L)	Dibenz(a,h)anthracene (ug/L)	Indeno(1,2,3-cd)pyrene (ug/L)	Methylene Chloride (ug/L)	Volatile Organic Compounds (ug/L)	Semivolatile Organic Compounds (ug/L)	Benzene (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Copper (ug/L)	Lead (ug/L)	Molybdenum (ug/L)	Nickel (ug/L)	Mercury (ug/L)	Selenium (ug/L)	Silver (ug/L)	Zinc (ug/L)	Ash (Wt%)	Halogen, Total (mg/L)	Water by Distillation (Vol%)	Total Cyanide (mg/L)	pH (Std. Units)	Oil and Grease (mg/L)	PCB, Total (ug/L)
RCRA Hazardous Waste Level														<u>500</u>	<u>5,000</u>	<u>100,000</u>	<u>1,000</u>	<u>5,000</u>		<u>5,000</u>			<u>200</u>	<u>1,000</u>	<u>5,000</u>								
Oil in Furnace Room AST	Furnace Room AST	5/18/2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.267	467	1.0	--	--	--	< 500
PITS-Outside East Side of Building	Pits on east side of building	5/18/2012	--	--	--	--	--	--	--	--	--	ND	ND	--	< 4.7	30.6	< 0.39	--	10.1	1.8	1.3	< 0.77	< 0.10	< 5.8	< 2.3	13.3	--	--	< 0.0043	8.3	< 1.0	< 0.074	
CRL-1	Crusher Pit in Crusher Room	5/20/2010	3.7	16	< 0.97	< 0.77	5.0	< 0.24	< 1.4	< 0.67	< 0.43	--	--	< 0.41	< 0.55	24.2	4.2	0.62	--	1.8	--	--	1.6	< 2.1	< 0.46	--	--	--	--	--	--	4.7	
FRL-1	Subgrade Tank adjacent to Chlorine Room	5/20/2010	< 5,670	< 7,450	< 7,150	< 5,690	< 19,200	< 0.24	< 10,200	< 4,940	0.79	--	--	< 0.41	< 2.8	148	7.6	5.5	--	59.8	--	--	< 0.2	11.4	< 2.3	--	--	--	--	--	--	211	
FRL-2	Manhole in Chlorine Room (Sludge at bottom not Sampled)	5/20/2010	< 92.1	< 121	< 116	< 92.4	< 312	< 0.24	< 166	< 80.2	0.61	--	--	1.6	47.4	2,720	351	1,140	--	<u>6,200</u>	--	--	5.5	48.8	21	--	--	--	--	--	--	30.5	
FRL-3	1 of the 7 Ladle Pits	5/20/2010	< 0.77	< 1	< 0.97	< 0.77	< 2.6	0.24	< 1.4	< 0.67	0.92	--	--	< 0.41	2.9	877	21.6	72	--	556	--	--	0.2	2.3	1.3	--	--	--	--	--	--	0.7	
FRL-4	1 of the 7 Ladle Pits	5/20/2010	< 0.89	< 1.2	1.1	2.6	< 3	< 0.24	2.2	2	< 0.43	--	--	< 0.41	21	125	27.5	53.3	--	53.6	--	--	0.39	17.2	1.2	--	--	--	--	--	--	8.5	
FRL-7	1 of the 7 Ladle Pits	5/21/2010	< 0.77	< 1	< 0.97	0.94	< 2.6	< 0.24	< 1.4	< 0.67	< 0.43	--	--	< 0.41	1.1	66.3	15.1	11.2	--	55.2	--	--	< 0.1	6.9	< 0.46	--	--	--	--	--	--	< 0.32	
FRL-8	1 of the 7 Ladle Pits	5/21/2010	< 0.78	< 1	< 0.99	< 0.79	< 2.7	< 0.24	< 1.4	< 0.68	< 0.43	--	--	< 0.41	< 0.55	53	1.1	1.8	--	1.8	--	--	< 0.1	< 2.1	< 0.46	--	--	--	--	--	--	< 0.32	
FRL-5	1 of the 7 Ladle Pits	5/21/2010	< 0.78	< 1	< 0.99	< 0.79	< 2.7	< 0.24	< 1.4	< 0.68	< 0.43	--	--	< 0.41	< 0.55	32	1.1	9	--	17.4	--	--	< 0.1	< 2.1	< 0.46	--	--	--	--	--	--	< 0.3	
FRL-6	1 of the 7 Ladle Pits	5/21/2010	< 0.79	< 1	< 1	< 0.79	< 2.7	< 0.24	< 1.4	< 0.69	< 0.43	--	--	< 0.41	2.5	21.2	2.6	0.91	--	6.5	--	--	< 0.1	< 2.1	< 0.46	--	--	--	--	--	--	< 0.3	
FRL-9	1 of the 7 Ladle Pits	5/21/2010	< 0.78	< 1	< 0.99	< 0.79	< 2.7	< 0.24	< 1.4	< 0.68	0.44	--	--	< 0.41	< 0.55	49.2	5.7	1.6	--	4.8	--	--	< 0.1	2.9	< 0.46	--	--	--	--	--	--	< 0.32	
FRL-9 DUP	FRL-9	5/21/2010	< 0.79	< 1	< 1	< 0.79	< 2.7	< 0.24	< 1.4	< 0.69	< 0.43	--	--	< 0.41	0.62	48.4	5.7	1.6	--	5.1	--	--	< 0.1	2.7	< 0.46	--	--	--	--	--	--	< 0.32	
MRL-1	Manhole over apparent Catch Basin (Maintenance Room)	5/21/2010	< 0.78	< 1	< 0.99	< 0.79	< 2.7	< 0.24	< 1.4	< 0.68	0.93	--	--	< 0.41	5	79.2	0.87	0.73	--	< 1.4	--	--	< 0.1	< 2.1	< 0.46	--	--	--	--	--	--	< 0.33	

Notes:  
1) Parameters that attain or exceed the RCRA Hazardous Waste Level are italicized and underlined.  
2) Several semivolatile organic compounds are listed for historic data only, all new data was non-detect and can be viewed in lab report.  
< 0.5 : Parameter not detected above the Limit of Detection indicated.  
DUP : Duplicate sample  
-- : Analysis not performed.  
ND : All compounds were below the limit of detection.

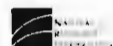




**Table 6. Asbestos Sample Analytical Results**

Remedial Action Plan for Facility Demolition  
 Former Wabash Alloys Facility  
 Oak Creek, Wisconsin

SAMPLE#	Building Location of Sample	Material Color	Description of Material	Sample Date	Asbestos (%)
<b><u>NRT SAMPLES</u></b>					
1A	EXTERIOR EAST LOT - LONG CYLINDER	TAN	REFRACTORY	5/18/2012	ND
1B	EXTERIOR EAST LOT - LONG CYLINDER	TAN	REFRACTORY	5/18/2012	ND
1C	EXTERIOR EAST LOT - LONG CYLINDER	TAN	REFRACTORY	5/18/2012	ND
2A	EXTERIOR EAST LOT - FURNACE	GRAY	REFRACTORY	5/18/2012	ND
2B	EXTERIOR EAST LOT - FURNACE	GRAY	REFRACTORY	5/18/2012	ND
2C	EXTERIOR EAST LOT - FURNACE	GRAY	REFRACTORY	5/18/2012	ND
3A	EXTERIOR EAST LOT - STACK	GRAY	REFRACTORY	5/18/2012	ND
3B	EXTERIOR EAST LOT - STACK	GRAY	REFRACTORY	5/18/2012	ND
3C	EXTERIOR EAST LOT - STACK	GRAY	REFRACTORY	5/18/2012	ND
4A	EXTERIOR EAST LOT - CAP	BROWN	REFRACTORY	5/18/2012	ND
4B	EXTERIOR EAST LOT - CAP	BROWN	REFRACTORY	5/18/2012	ND
4C	EXTERIOR EAST LOT - CAP	BROWN	REFRACTORY	5/18/2012	ND
5A	NORTH SIDING	BROWN	GALBESTOS™	5/18/2012	15% Chrysotile
1	FURNACE ROOM	MULTI	COATING ON STEEL	8/8/2012	ND
1	FURNACE ROOM	GRAY	GRAY PAINT	5/14/2012	ND
1A-C	BAG HOUSE	TAN	SPRAY-ON	7/24/2012	ND
<b><u>PARSS SAMPLES</u></b>					
1	EXTERIOR - WEST	GRAY	CAULK (DOOR)	8/20/2009	ND
2	PURCHASING OFFICE	TAN	CEILING TILE	8/20/2009	ND
3-II	PURCHASING OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	8% CHRYSOTILE
4	PURCHASING OFFICE	OFF-WHITE	DRYWALL COMPOSITE	8/20/2009	ND
4-II	PURCHASING OFFICE	OFF-WHITE	DRYWALL COMPOSITE	8/20/2009	ND
4-III	PURCHASING OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	ND
5	WEST WALL	OFF-WHITE	GLAZING COMPOUND	8/20/2009	2% CHRYSOTILE
6	TOOL ROOM - OFFICE	TAN	CEILING TILE	8/20/2009	ND
7	MEZZANINE - CENTER	GRAY	JACKET & MUD ON TANK	8/20/2009	15% CHRYSOTILE
8	MEZZANINE - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	< 1% CHRYSOTILE
9	MEZZANINE	OFF-WHITE	PIPE FITTING	8/20/2009	2% CHRYSOTILE
9	MEZZANINE	OFF-WHITE	PIPE FITTING	8/20/2009	< 1% AMOSITE



**Table 6. Asbestos Sample Analytical Results**

Remedial Action Plan for Facility Demolition  
 Former Wabash Alloys Facility  
 Oak Creek, Wisconsin

SAMPLE#	Building Location of Sample	Material Color	Description of Material	Sample Date	Asbestos (%)
10	NORTH AREA	BROWN	REFRACTING DEBRIS	8/20/2009	ND
11	EAST SIDE	GRAY	DRUM INSULATION	8/20/2009	ND
12	EAST SIDE	BROWN	REFRACTORY IN BREECHING	8/20/2009	ND
13	NORTH EAST - MEN'S ROOM	TAN	CEILING TILE	8/20/2009	ND
14	CENTER ROOM	TAN	CEILING TILE	8/20/2009	ND
15-II	CENTER ROOM	BLACK	MASTIC (FLOOR TILE)	8/20/2009	8% CHRYSOTILE
16	CENTER ROOM	OFF-WHITE	GLAZING COMPOUND	8/20/2009	ND
17	RECEIVING OFFICE	BEIGE	FLOOR TILE	8/20/2009	ND
17-II	RECEIVING OFFICE	TAN	MASTIC (FLOOR TILE)	8/20/2009	ND
18	RECEIVING OFFICE	GRAY	CEILING TILE	8/20/2009	ND
19	CENTER ROOM	GRAY	JACKETING ON METAL BOX	8/20/2009	ND
20	SOUTHEAST HOPPER	GRAY	DOOR REFRACTORY	8/20/2009	ND
21	SOUTHEAST HOPPER	TAN	DOOR REFRACTORY	8/20/2009	ND
22	BAG HOUSE	TAN	SPRAY-ON INSULATION	8/20/2009	ND
23	BAG HOUSE - CENTER ROOM	TAN	CEILING TILE	8/20/2009	ND
24	SOUTH BOILER	GRAY	TROWLED ON MUD	8/20/2009	ND
25	SOUTH TROUGH	GRAY	PATCH MATERIAL	8/20/2009	ND
26	SOUTH TROUGH	GRAY	MAIN INSULATION	8/20/2009	ND
27	SOUTH BOILER	OFF-WHITE	FIBER BOARD DEBRIS	8/20/2009	ND
28	SOUTH BOILER	GRAY	REFRACTORY - TOP OF BOILER	8/20/2009	ND
29	SOUTH BOILER	GRAY	REFRACTOR - BREACHING	8/20/2009	ND
30	CENTER OFFICE	GRAY	CEILING TILE	8/20/2009	ND
31-II	CENTER OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	3% CHRYSOTILE
32	CENTER OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	ND
33-II	QUANT LAB	BLACK	MASTIC (FLOOR TILE)	8/20/2009	10% CHRYSOTILE
34	QUANT LAB	GRAY	CEILING TILE	8/20/2009	ND
35	2ND FLOOR	WHITE	DRYWALL COMPOSITE	8/20/2009	ND
36	NORTH BOILER	BEIGE	REFRACTORY	8/20/2009	ND
37	WEST TROUGH	GRAY	MAIN INSULATION	8/20/2009	ND
38	WEST BOILER	GRAY	DOOR REFRACTORY	8/20/2009	ND
39	SOUTHWEST - BIG ROOM	OFF-WHITE	CEILING TILE	8/20/2009	20% CHRYSOTILE
40	NORTH OFFICE	GRAY	CEILING TILE	8/20/2009	ND

**Table 6. Asbestos Sample Analytical Results**

Remedial Action Plan for Facility Demolition  
 Former Wabash Alloys Facility  
 Oak Creek, Wisconsin

SAMPLE#	Building Location of Sample	Material Color	Description of Material	Sample Date	Asbestos (%)
41-II	NORTH OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	2% CHRYSOTILE
42	LOCKER ROOM	WHITE	PIPE FITTING	8/20/2009	5% CHRYSOTILE
43	LOBBY HALL	GRAY	CEILING TILE	8/20/2009	ND
44-II	LOBBY HALL	BLACK	MASTIC (FLOOR TILE)	8/20/2009	3% CHRYSOTILE
45	2ND FLOOR - OFFICE	BROWN	FLOOR TILE	8/20/2009	5% CHRYSOTILE
46	2ND FLOOR - OFFICE	GRAY	CEILING TILE	8/20/2009	ND
47	2ND FLOOR - OFFICE	TAN	MASTIC (CERAMIC ON BASE)	8/20/2009	ND
48	2ND FLOOR - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	ND
49	2ND FLOOR - OFFICE	BLACK	TAR ON CEILING	8/20/2009	5% CHRYSOTILE
50-II	SOUTHWEST - OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	10% CHRYSOTILE
51	SOUTHWEST - OFFICE	GRAY	CEILING TILE	8/20/2009	ND
52A	SOUTHWEST - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	ND
52B	SOUTHWEST- OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	ND
52C	SOUTHWEST- OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	ND
53	SOUTHWEST - OFFICE / BACK ROOM	GRAY	CEILING TILE	8/20/2009	ND
53-II	SOUTHWEST - OFFICE / BACK ROOM	BROWN	MASTIC ( CEILING TILE GLUE DOT)	8/20/2009	ND
54-II	SOUTHWEST - OFFICE / SOUTH END	BLACK	MASTIC (FLOOR TILE)	8/20/2009	10% CHRYSOTILE
55	SOUTHWEST - OFFICE / SOUTH END	GRAY	CEILING TILE	8/20/2009	2% CHRYSOTILE
56	EXTERIOR - EAST LOT	MULTI	REFRACTORY	8/20/2009	ND

Note:

1. ND = None Detected

**Table 7. PCB Soil Analytical Results - Transformer Area**

Remedial Action Plan for Facility Demolition  
Former Wabash Alloys Facility  
Oak Creek, Wisconsin

Location	Sample Depth (Inches)	Sample Date	PCB <sub>1</sub> Total (mg/kg)	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)
TSCA Limit			<b>50</b>							
HA-500	0-1	05/08/12	1.7	< 0.0086	< 0.0073	< 0.0081	< 0.0051	0.43	1.0	0.2
	1-2	05/08/12	0.78	< 0.0089	< 0.0075	< 0.0084	< 0.0053	< 0.0063	0.78	< 0.0029
	2-3	05/08/12	< 0.003	< 0.0092	< 0.0078	< 0.0087	< 0.0055	< 0.0066	< 0.0055	< 0.003
	3-4	05/08/12	0.03	< 0.009	< 0.0076	< 0.0085	< 0.0053	< 0.0064	0.03	< 0.0029
HA-501	0-1	05/08/12	1.1	< 0.0088	< 0.0075	< 0.0083	< 0.0052	< 0.0063	0.71	0.39
	1-2	05/08/12	1	< 0.0087	< 0.0074	< 0.0083	< 0.0052	< 0.0062	0.66	0.37
	2-3	05/08/12	1.3	< 0.009	< 0.0077	< 0.0085	< 0.0054	0.14	0.78	0.36
	3-4	05/08/12	0.057	< 0.0097	< 0.0083	< 0.0092	< 0.0058	< 0.007	< 0.0058	0.057
	4.5-5	05/08/12	0.057	< 0.0095	< 0.008	< 0.0089	< 0.0056	< 0.0068	< 0.0056	0.057
DUP 1 HA501	2-3	05/08/12	0.49	< 0.0094	< 0.008	< 0.0088	< 0.0056	< 0.0067	0.28	0.21
SB502	0-1	05/11/12	0.2	< 0.0077	< 0.0066	< 0.0073	< 0.0046	0.023	0.13	0.052
	1-2	05/11/12	< 0.0028	< 0.0087	< 0.0074	< 0.0082	< 0.0052	< 0.0062	< 0.0052	< 0.0028
	2-3	05/11/12	< 0.003	< 0.0094	< 0.008	< 0.0089	< 0.0056	< 0.0067	< 0.0056	< 0.003
SB503 (concrete)	-	05/11/12	0.12	< 0.0077	< 0.0066	< 0.0073	< 0.0046	0.027	< 0.0046	0.088
SB503	0-1	05/11/12	< 0.0028	< 0.0087	< 0.0074	< 0.0082	< 0.0051	< 0.0062	< 0.0051	< 0.0028
	1-2	05/11/12	< 0.0028	< 0.0086	< 0.0073	< 0.0081	< 0.0051	< 0.0062	< 0.0051	< 0.0028
	2-3	05/11/12	< 0.0028	< 0.0086	< 0.0073	< 0.0082	< 0.0051	< 0.0062	< 0.0051	< 0.0028
SB504	0-1	05/11/12	0.32	< 0.0077	< 0.0065	< 0.0073	< 0.0046	0.032	0.22	0.069
	1-2	05/11/12	0.62	< 0.0086	< 0.0073	< 0.0081	< 0.0051	0.15	0.4	0.08
	2-3	05/11/12	< 0.003	< 0.0093	< 0.0079	< 0.0088	< 0.0055	< 0.0067	< 0.0055	< 0.003
	3-4	05/11/12	< 0.0029	< 0.0091	< 0.0077	< 0.0086	< 0.0054	< 0.0065	< 0.0054	< 0.0029
SS-1	-	10/22/10	0.982	< 0.0246	< 0.0246	< 0.0246	< 0.0246	< 0.0246	0.76	0.221
SS-2	-	10/22/10	1.64	< 0.0403	< 0.0403	< 0.0403	< 0.0403	< 0.0403	1.32	0.327
SS-3	-	10/22/10	10.5	< 0.517	< 0.517	< 0.517	< 0.517	< 0.517	9.11	1.34
SS-4	-	10/22/10	0.21	< 0.0261	< 0.0261	< 0.0261	< 0.0261	< 0.0261	0.0853	0.125

Notes:

- 1) Parameters that attain or exceed the TSCA limit are bolded.
- 2) "SS" sample locations were collected at the surface.

< 0.5 : Parameter not detected above the Limit of Detection indicated.

DUP : Duplicate sample

-- : Analysis not performed.



**APPENDIX A**

**SEPTEMBER AND OCTOBER 2010 ANALYSIS DATA  
COLLECTED BY RMT**

September 27, 2010

Alee Her  
Pace Analytical Green Bay  
1241 Bellevue Street  
Suite 9  
Green Bay, WI 54302

RE: Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Dear Alee Her:

Enclosed are the analytical results for sample(s) received by the laboratory on September 18, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Cory C Lund

cory.lund@pacelabs.com  
Project Manager

Enclosures

cc: Client Services, Pace Analytical Green Bay

## REPORT OF LABORATORY ANALYSIS

Page 1 of 22

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## CERTIFICATIONS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

### Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414  
Alaska Certification #: UST-078  
Alaska Certification #MN00064  
Arizona Certification #: AZ-0014  
Arkansas Certification #: 88-0680  
California Certification #: 01155CA  
EPA Region 8 Certification #: Pace  
Florida/NELAP Certification #: E87605  
Georgia Certification #: 959  
Idaho Certification #: MN00064  
Illinois Certification #: 200011  
Iowa Certification #: 368  
Kansas Certification #: E-10167  
Louisiana Certification #: 03086  
Louisiana Certification #: LA080009  
Maine Certification #: 2007029  
Maryland Certification #: 322  
Michigan DEQ Certification #: 9909  
Minnesota Certification #: 027-053-137  
Mississippi Certification #: Pace

Montana Certification #: MT CERT0092  
Nebraska Certification #: Pace  
Nevada Certification #: MN\_00064  
New Jersey Certification #: MN-002  
New Mexico Certification #: Pace  
New York Certification #: 11647  
North Carolina Certification #: 530  
North Dakota Certification #: R-036  
North Dakota Certification #: R-036A  
Ohio VAP Certification #: CL101  
Oklahoma Certification #: D9921  
Oklahoma Certification #: 9507  
Oregon Certification #: MN200001  
Pennsylvania Certification #: 68-00563  
Puerto Rico Certification  
Tennessee Certification #: 02818  
Texas Certification #: T104704192  
Washington Certification #: C754  
Wisconsin Certification #: 999407970

## REPORT OF LABORATORY ANALYSIS

Page 2 of 22

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### SAMPLE SUMMARY

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4037190001	MRF-01	Solid	09/16/10 15:30	09/18/10 11:40
4037190002	FRF-04	Solid	09/16/10 15:40	09/18/10 11:40
4037190003	ISF-01	Solid	09/16/10 16:00	09/18/10 11:40
4037190004	FRF-05	Solid	09/16/10 16:30	09/18/10 11:40
4037190005	SRF-03	Solid	09/16/10 17:00	09/18/10 11:40
4037190006	SRF-04	Solid	09/16/10 17:15	09/18/10 11:40
4037190007	PILOT 1-DUST	Solid	09/17/10 09:20	09/18/10 11:40
4037190008	PILOT 2-DUST	Solid	09/17/10 09:30	09/18/10 11:40
4037190009	PILOT 3-DUST	Solid	09/17/10 09:40	09/18/10 11:40
4037190010	PILOT 4-DUST	Solid	09/17/10 09:50	09/18/10 11:40
4037190011	PILOT 5-DUST	Solid	09/17/10 10:00	09/18/10 11:40
4037190012	PILOT 2-CONCRETE	Solid	09/17/10 10:20	09/18/10 11:40
4037190013	PILOT 3-CONCRETE	Solid	09/17/10 10:30	09/18/10 11:40
4037190014	PILOT 4-CONCRETE	Solid	09/17/10 10:40	09/18/10 11:40
4037190015	PILOT 5-CONCRETE	Solid	09/17/10 10:50	09/18/10 11:40
4037190016	PILOT 1-POST	Solid	09/17/10 11:00	09/18/10 11:40
4037190017	PILOT 2-POST	Solid	09/17/10 11:30	09/18/10 11:40
4037190018	PILOT 3-POST	Solid	09/17/10 11:50	09/18/10 11:40
4037190019	PILOT 4-POST	Solid	09/17/10 12:05	09/18/10 11:40
4037190020	PILOT 5-POST	Solid	09/17/10 12:30	09/18/10 11:40
4037190021	DECON WATER	Water	09/17/10 12:50	09/18/10 11:40

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**SAMPLE ANALYTE COUNT**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4037190001	MRF-01	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190002	FRF-04	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190003	ISF-01	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190004	FRF-05	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190005	SRF-03	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190006	SRF-04	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190007	PILOT 1-DUST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190008	PILOT 2-DUST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190009	PILOT 3-DUST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190010	PILOT 4-DUST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190011	PILOT 5-DUST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190012	PILOT 2-CONCRETE	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190013	PILOT 3-CONCRETE	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190014	PILOT 4-CONCRETE	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190015	PILOT 5-CONCRETE	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190016	PILOT 1-POST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190017	PILOT 2-POST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190018	PILOT 3-POST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190019	PILOT 4-POST	EPA 8082	KL1	11

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**SAMPLE ANALYTE COUNT**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		% Moisture	JDL	1
4037190020	PILOT 5-POST	EPA 8082	KL1	11
		% Moisture	JDL	1
4037190021	DECON WATER	EPA 8082	KL1	11

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### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: MRF-01 Lab ID: 4037190001 Collected: 09/16/10 15:30 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	676	82.0	20	09/21/10 13:35	09/27/10 02:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	676	164	20	09/21/10 13:35	09/27/10 02:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	676	164	20	09/21/10 13:35	09/27/10 02:45	11141-16-5	
PCB-1242 (Aroclor 1242)	20500	ug/kg	676	123	20	09/21/10 13:35	09/27/10 02:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	676	123	20	09/21/10 13:35	09/27/10 02:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	676	102	20	09/21/10 13:35	09/27/10 02:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	676	184	20	09/21/10 13:35	09/27/10 02:45	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	676	82.0	20	09/21/10 13:35	09/27/10 02:45	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	676	82.0	20	09/21/10 13:35	09/27/10 02:45	11100-14-4	
Tetrachloro-m-xylene (S)	0	%	55-125		20	09/21/10 13:35	09/27/10 02:45	877-09-8	S4
Decachlorobiphenyl (S)	0	%	55-125		20	09/21/10 13:35	09/27/10 02:45	2051-24-3	S4

**Dry Weight**

Analytical Method: % Moisture

Percent Moisture 2.4 % 0.10 0.10 1 09/20/10 00:00

Sample: FRF-04 Lab ID: 4037190002 Collected: 09/16/10 15:40 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	67.4	8.2	2	09/21/10 13:35	09/27/10 01:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.4	16.3	2	09/21/10 13:35	09/27/10 01:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	67.4	16.3	2	09/21/10 13:35	09/27/10 01:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	67.4	12.3	2	09/21/10 13:35	09/27/10 01:25	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	67.4	12.3	2	09/21/10 13:35	09/27/10 01:25	12672-29-6	
PCB-1254 (Aroclor 1254)	1110	ug/kg	67.4	10.2	2	09/21/10 13:35	09/27/10 01:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	67.4	18.4	2	09/21/10 13:35	09/27/10 01:25	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	67.4	8.2	2	09/21/10 13:35	09/27/10 01:25	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	67.4	8.2	2	09/21/10 13:35	09/27/10 01:25	11100-14-4	
Tetrachloro-m-xylene (S)	77	%	55-125		2	09/21/10 13:35	09/27/10 01:25	877-09-8	
Decachlorobiphenyl (S)	94	%	55-125		2	09/21/10 13:35	09/27/10 01:25	2051-24-3	

**Dry Weight**

Analytical Method: % Moisture

Percent Moisture 2.1 % 0.10 0.10 1 09/20/10 00:00

## ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: ISF-01 Lab ID: 4037190003 Collected: 09/16/10 16:00 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.9	4.1	1	09/21/10 13:35	09/27/10 00:54	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	33.9	8.2	1	09/21/10 13:35	09/27/10 00:54	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.9	8.2	1	09/21/10 13:35	09/27/10 00:54	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	33.9	6.2	1	09/21/10 13:35	09/27/10 00:54	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.9	6.2	1	09/21/10 13:35	09/27/10 00:54	12672-29-6	
PCB-1254 (Aroclor 1254)	574	ug/kg	33.9	5.1	1	09/21/10 13:35	09/27/10 00:54	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.9	9.3	1	09/21/10 13:35	09/27/10 00:54	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	33.9	4.1	1	09/21/10 13:35	09/27/10 00:54	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	33.9	4.1	1	09/21/10 13:35	09/27/10 00:54	11100-14-4	
Tetrachloro-m-xylene (S)	80	%	55-125		1	09/21/10 13:35	09/27/10 00:54	877-09-8	
Decachlorobiphenyl (S)	85	%	55-125		1	09/21/10 13:35	09/27/10 00:54	2051-24-3	
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	2.8	%	0.10	0.10	1		09/20/10 00:00		

Sample: FRF-05 Lab ID: 4037190004 Collected: 09/16/10 16:30 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	67.0	8.1	2	09/21/10 13:35	09/27/10 01:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.0	16.2	2	09/21/10 13:35	09/27/10 01:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	67.0	16.2	2	09/21/10 13:35	09/27/10 01:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	67.0	12.2	2	09/21/10 13:35	09/27/10 01:41	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	67.0	12.2	2	09/21/10 13:35	09/27/10 01:41	12672-29-6	
PCB-1254 (Aroclor 1254)	1060	ug/kg	67.0	10.2	2	09/21/10 13:35	09/27/10 01:41	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	67.0	18.3	2	09/21/10 13:35	09/27/10 01:41	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	67.0	8.1	2	09/21/10 13:35	09/27/10 01:41	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	67.0	8.1	2	09/21/10 13:35	09/27/10 01:41	11100-14-4	
Tetrachloro-m-xylene (S)	84	%	55-125		2	09/21/10 13:35	09/27/10 01:41	877-09-8	
Decachlorobiphenyl (S)	95	%	55-125		2	09/21/10 13:35	09/27/10 01:41	2051-24-3	
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	1.5	%	0.10	0.10	1		09/20/10 00:00		



### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: SRF-03 Lab ID: 4037190005 Collected: 09/16/10 17:00 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	33.9	4.1	1	09/21/10 13:35	09/27/10 11:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	33.9	8.2	1	09/21/10 13:35	09/27/10 11:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	33.9	8.2	1	09/21/10 13:35	09/27/10 11:14	11141-16-5	
PCB-1242 (Aroclor 1242)	805	ug/kg	33.9	6.2	1	09/21/10 13:35	09/27/10 11:14	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	33.9	6.2	1	09/21/10 13:35	09/27/10 11:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	33.9	5.1	1	09/21/10 13:35	09/27/10 11:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	33.9	9.2	1	09/21/10 13:35	09/27/10 11:14	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	33.9	4.1	1	09/21/10 13:35	09/27/10 11:14	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	33.9	4.1	1	09/21/10 13:35	09/27/10 11:14	11100-14-4	
Tetrachloro-m-xylene (S)	83	%	55-125		1	09/21/10 13:35	09/27/10 11:14	877-09-8	
Decachlorobiphenyl (S)	88	%	55-125		1	09/21/10 13:35	09/27/10 11:14	2051-24-3	
<b>Dry Weight</b>									
Analytical Method: % Moisture									
Percent Moisture	2.5	%	0.10	0.10	1		09/20/10 00:00		

Sample: SRF-04 Lab ID: 4037190006 Collected: 09/16/10 17:15 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	169	20.5	5	09/21/10 13:35	09/27/10 01:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	169	41.1	5	09/21/10 13:35	09/27/10 01:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	169	41.1	5	09/21/10 13:35	09/27/10 01:57	11141-16-5	
PCB-1242 (Aroclor 1242)	957	ug/kg	169	30.8	5	09/21/10 13:35	09/27/10 01:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	169	30.8	5	09/21/10 13:35	09/27/10 01:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	169	25.7	5	09/21/10 13:35	09/27/10 01:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	169	46.2	5	09/21/10 13:35	09/27/10 01:57	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	169	20.5	5	09/21/10 13:35	09/27/10 01:57	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	169	20.5	5	09/21/10 13:35	09/27/10 01:57	11100-14-4	
Tetrachloro-m-xylene (S)	79	%	55-125		5	09/21/10 13:35	09/27/10 01:57	877-09-8	
Decachlorobiphenyl (S)	279	%	55-125		5	09/21/10 13:35	09/27/10 01:57	2051-24-3	S0
<b>Dry Weight</b>									
Analytical Method: % Moisture									
Percent Moisture	2.6	%	0.10	0.10	1		09/20/10 00:00		

### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: PILOT 1-DUST Lab ID: 4037190007 Collected: 09/17/10 09:20 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b> Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	3520	427	100	09/21/10 13:35	09/27/10 03:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	3520	854	100	09/21/10 13:35	09/27/10 03:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3520	854	100	09/21/10 13:35	09/27/10 03:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3520	640	100	09/21/10 13:35	09/27/10 03:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	3520	640	100	09/21/10 13:35	09/27/10 03:49	12672-29-6	
PCB-1254 (Aroclor 1254)	46100	ug/kg	3520	534	100	09/21/10 13:35	09/27/10 03:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	3520	960	100	09/21/10 13:35	09/27/10 03:49	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	3520	427	100	09/21/10 13:35	09/27/10 03:49	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	3520	427	100	09/21/10 13:35	09/27/10 03:49	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		100	09/21/10 13:35	09/27/10 03:49	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		100	09/21/10 13:35	09/27/10 03:49	2051-24-3	S4

**Dry Weight**

Analytical Method: % Moisture

Percent Moisture 6.3 % 0.10 0.10 1 09/20/10 00:00

Sample: PILOT 2-DUST Lab ID: 4037190008 Collected: 09/17/10 09:30 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b> Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	3520	426	100	09/21/10 13:35	09/27/10 04:05	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	3520	852	100	09/21/10 13:35	09/27/10 04:05	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	3520	852	100	09/21/10 13:35	09/27/10 04:05	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	3520	639	100	09/21/10 13:35	09/27/10 04:05	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	3520	639	100	09/21/10 13:35	09/27/10 04:05	12672-29-6	
PCB-1254 (Aroclor 1254)	55900	ug/kg	3520	533	100	09/21/10 13:35	09/27/10 04:05	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	3520	959	100	09/21/10 13:35	09/27/10 04:05	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	3520	426	100	09/21/10 13:35	09/27/10 04:05	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	3520	426	100	09/21/10 13:35	09/27/10 04:05	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		100	09/21/10 13:35	09/27/10 04:05	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		100	09/21/10 13:35	09/27/10 04:05	2051-24-3	S4

**Dry Weight**

Analytical Method: % Moisture

Percent Moisture 6.1 % 0.10 0.10 1 09/20/10 00:00

**ANALYTICAL RESULTS**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

**Sample: PILOT 3-DUST** Lab ID: 4037190009 Collected: 09/17/10 09:40 Received: 09/18/10 11:40 Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b> Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	1820	221	50	09/21/10 13:35	09/27/10 03:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1820	441	50	09/21/10 13:35	09/27/10 03:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1820	441	50	09/21/10 13:35	09/27/10 03:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1820	331	50	09/21/10 13:35	09/27/10 03:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1820	331	50	09/21/10 13:35	09/27/10 03:33	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>38400</b>	ug/kg	1820	276	50	09/21/10 13:35	09/27/10 03:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1820	496	50	09/21/10 13:35	09/27/10 03:33	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	1820	221	50	09/21/10 13:35	09/27/10 03:33	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	1820	221	50	09/21/10 13:35	09/27/10 03:33	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		50	09/21/10 13:35	09/27/10 03:33	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		50	09/21/10 13:35	09/27/10 03:33	2051-24-3	S4
<b>Dry Weight</b> Analytical Method: % Moisture									
Percent Moisture	<b>9.3</b>	%	0.10	0.10	1		09/21/10 00:00		

**Sample: PILOT 4-DUST** Lab ID: 4037190010 Collected: 09/17/10 09:50 Received: 09/18/10 11:40 Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b> Analytical Method: EPA 8082 Preparation Method: EPA 3550									
PCB-1016 (Aroclor 1016)	ND	ug/kg	1800	218	50	09/21/10 13:35	09/27/10 03:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1800	436	50	09/21/10 13:35	09/27/10 03:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1800	436	50	09/21/10 13:35	09/27/10 03:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1800	327	50	09/21/10 13:35	09/27/10 03:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1800	327	50	09/21/10 13:35	09/27/10 03:01	12672-29-6	
PCB-1254 (Aroclor 1254)	<b>37900</b>	ug/kg	1800	273	50	09/21/10 13:35	09/27/10 03:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1800	491	50	09/21/10 13:35	09/27/10 03:01	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	1800	218	50	09/21/10 13:35	09/27/10 03:01	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	1800	218	50	09/21/10 13:35	09/27/10 03:01	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		50	09/21/10 13:35	09/27/10 03:01	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		50	09/21/10 13:35	09/27/10 03:01	2051-24-3	S4
<b>Dry Weight</b> Analytical Method: % Moisture									
Percent Moisture	<b>8.3</b>	%	0.10	0.10	1		09/21/10 00:00		



### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: PILOT 5-DUST Lab ID: 4037190011 Collected: 09/17/10 10:00 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	1950	237	50	09/21/10 13:35	09/27/10 03:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1950	473	50	09/21/10 13:35	09/27/10 03:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1950	473	50	09/21/10 13:35	09/27/10 03:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1950	355	50	09/21/10 13:35	09/27/10 03:17	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1950	355	50	09/21/10 13:35	09/27/10 03:17	12672-29-6	
PCB-1254 (Aroclor 1254)	26700	ug/kg	1950	296	50	09/21/10 13:35	09/27/10 03:17	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1950	532	50	09/21/10 13:35	09/27/10 03:17	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	1950	237	50	09/21/10 13:35	09/27/10 03:17	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	1950	237	50	09/21/10 13:35	09/27/10 03:17	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		50	09/21/10 13:35	09/27/10 03:17	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		50	09/21/10 13:35	09/27/10 03:17	2051-24-3	S4

**Dry Weight**

Analytical Method: % Moisture

Percent Moisture 15.5 % 0.10 0.10 1 09/21/10 00:00

Sample: PILOT 2-CONCRETE Lab ID: 4037190012 Collected: 09/17/10 10:20 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	668	80.9	20	09/21/10 13:35	09/27/10 02:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	668	162	20	09/21/10 13:35	09/27/10 02:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	668	162	20	09/21/10 13:35	09/27/10 02:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	668	121	20	09/21/10 13:35	09/27/10 02:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	668	121	20	09/21/10 13:35	09/27/10 02:13	12672-29-6	
PCB-1254 (Aroclor 1254)	13400	ug/kg	668	101	20	09/21/10 13:35	09/27/10 02:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	668	182	20	09/21/10 13:35	09/27/10 02:13	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	668	80.9	20	09/21/10 13:35	09/27/10 02:13	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	668	80.9	20	09/21/10 13:35	09/27/10 02:13	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		20	09/21/10 13:35	09/27/10 02:13	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		20	09/21/10 13:35	09/27/10 02:13	2051-24-3	S4

**Dry Weight**

Analytical Method: % Moisture

Percent Moisture 1.2 % 0.10 0.10 1 09/21/10 00:00

### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: PILOT 3-CONCRETE Lab ID: 4037190013 Collected: 09/17/10 10:30 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	670	81.2	20	09/21/10 13:35	09/27/10 02:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	670	162	20	09/21/10 13:35	09/27/10 02:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	670	162	20	09/21/10 13:35	09/27/10 02:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	670	122	20	09/21/10 13:35	09/27/10 02:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	670	122	20	09/21/10 13:35	09/27/10 02:29	12672-29-6	
PCB-1254 (Aroclor 1254)	11000	ug/kg	670	101	20	09/21/10 13:35	09/27/10 02:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	670	183	20	09/21/10 13:35	09/27/10 02:29	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	670	81.2	20	09/21/10 13:35	09/27/10 02:29	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	670	81.2	20	09/21/10 13:35	09/27/10 02:29	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		20	09/21/10 13:35	09/27/10 02:29	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		20	09/21/10 13:35	09/27/10 02:29	2051-24-3	S4
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	1.4 %		0.10	0.10	1		09/21/10 00:00		

Sample: PILOT 4-CONCRETE Lab ID: 4037190014 Collected: 09/17/10 10:40 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	669	81.1	20	09/24/10 09:38	09/26/10 10:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	669	162	20	09/24/10 09:38	09/26/10 10:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	669	162	20	09/24/10 09:38	09/26/10 10:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	669	122	20	09/24/10 09:38	09/26/10 10:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	669	122	20	09/24/10 09:38	09/26/10 10:40	12672-29-6	
PCB-1254 (Aroclor 1254)	9970	ug/kg	669	101	20	09/24/10 09:38	09/26/10 10:40	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	669	182	20	09/24/10 09:38	09/26/10 10:40	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	669	81.1	20	09/24/10 09:38	09/26/10 10:40	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	669	81.1	20	09/24/10 09:38	09/26/10 10:40	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 10:40	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 10:40	2051-24-3	S4
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	1.3 %		0.10	0.10	1		09/21/10 00:00		

### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: PILOT 5-CONCRETE Lab ID: 4037190015 Collected: 09/17/10 10:50 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	667	80.9	20	09/24/10 09:38	09/26/10 10:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	667	162	20	09/24/10 09:38	09/26/10 10:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	667	162	20	09/24/10 09:38	09/26/10 10:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	667	121	20	09/24/10 09:38	09/26/10 10:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	667	121	20	09/24/10 09:38	09/26/10 10:56	12672-29-6	
PCB-1254 (Aroclor 1254)	13400	ug/kg	667	101	20	09/24/10 09:38	09/26/10 10:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	667	182	20	09/24/10 09:38	09/26/10 10:56	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	667	80.9	20	09/24/10 09:38	09/26/10 10:56	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	667	80.9	20	09/24/10 09:38	09/26/10 10:56	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 10:56	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 10:56	2051-24-3	S4
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	1.1 %		0.10	0.10	1		09/21/10 00:00		

Sample: PILOT 1-POST Lab ID: 4037190016 Collected: 09/17/10 11:00 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	672	81.5	20	09/24/10 09:38	09/26/10 11:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	672	163	20	09/24/10 09:38	09/26/10 11:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	672	163	20	09/24/10 09:38	09/26/10 11:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	672	122	20	09/24/10 09:38	09/26/10 11:12	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	672	122	20	09/24/10 09:38	09/26/10 11:12	12672-29-6	
PCB-1254 (Aroclor 1254)	16600	ug/kg	672	102	20	09/24/10 09:38	09/26/10 11:12	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	672	183	20	09/24/10 09:38	09/26/10 11:12	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	672	81.5	20	09/24/10 09:38	09/26/10 11:12	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	672	81.5	20	09/24/10 09:38	09/26/10 11:12	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 11:12	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 11:12	2051-24-3	S4
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	1.9 %		0.10	0.10	1		09/21/10 00:00		



### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: PILOT 2-POST Lab ID: 4037190017 Collected: 09/17/10 11:30 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	1680	204	50	09/24/10 09:38	09/26/10 12:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	1680	408	50	09/24/10 09:38	09/26/10 12:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	1680	408	50	09/24/10 09:38	09/26/10 12:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	1680	306	50	09/24/10 09:38	09/26/10 12:00	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	1680	306	50	09/24/10 09:38	09/26/10 12:00	12672-29-6	
PCB-1254 (Aroclor 1254)	24400	ug/kg	1680	255	50	09/24/10 09:38	09/26/10 12:00	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	1680	459	50	09/24/10 09:38	09/26/10 12:00	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	1680	204	50	09/24/10 09:38	09/26/10 12:00	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	1680	204	50	09/24/10 09:38	09/26/10 12:00	11100-14-4	
Tetrachloro-m-xylene (S)	0	%	55-125		50	09/24/10 09:38	09/26/10 12:00	877-09-8	S4
Decachlorobiphenyl (S)	0	%	55-125		50	09/24/10 09:38	09/26/10 12:00	2051-24-3	S4
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	2.0	%	0.10	0.10	1		09/21/10 00:00		

Sample: PILOT 3-POST Lab ID: 4037190018 Collected: 09/17/10 11:50 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	336	40.7	10	09/24/10 09:38	09/26/10 10:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	336	81.4	10	09/24/10 09:38	09/26/10 10:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	336	81.4	10	09/24/10 09:38	09/26/10 10:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	336	61.0	10	09/24/10 09:38	09/26/10 10:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	336	61.0	10	09/24/10 09:38	09/26/10 10:24	12672-29-6	
PCB-1254 (Aroclor 1254)	7210	ug/kg	336	50.9	10	09/24/10 09:38	09/26/10 10:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	336	91.5	10	09/24/10 09:38	09/26/10 10:24	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	336	40.7	10	09/24/10 09:38	09/26/10 10:24	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	336	40.7	10	09/24/10 09:38	09/26/10 10:24	11100-14-4	
Tetrachloro-m-xylene (S)	86	%	55-125		10	09/24/10 09:38	09/26/10 10:24	877-09-8	
Decachlorobiphenyl (S)	124	%	55-125		10	09/24/10 09:38	09/26/10 10:24	2051-24-3	
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	1.7	%	0.10	0.10	1		09/21/10 00:00		

### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

Sample: PILOT 4-POST Lab ID: 4037190019 Collected: 09/17/10 12:05 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	670	81.2	20	09/24/10 09:38	09/26/10 11:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	670	162	20	09/24/10 09:38	09/26/10 11:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	670	162	20	09/24/10 09:38	09/26/10 11:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	670	122	20	09/24/10 09:38	09/26/10 11:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	670	122	20	09/24/10 09:38	09/26/10 11:28	12672-29-6	
PCB-1254 (Aroclor 1254)	12300	ug/kg	670	102	20	09/24/10 09:38	09/26/10 11:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	670	183	20	09/24/10 09:38	09/26/10 11:28	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	670	81.2	20	09/24/10 09:38	09/26/10 11:28	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	670	81.2	20	09/24/10 09:38	09/26/10 11:28	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 11:28	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 11:28	2051-24-3	S4
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	1.5 %		0.10	0.10	1		09/21/10 00:00		

Sample: PILOT 5-POST Lab ID: 4037190020 Collected: 09/17/10 12:30 Received: 09/18/10 11:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	ug/kg	675	81.8	20	09/24/10 09:38	09/26/10 11:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	675	164	20	09/24/10 09:38	09/26/10 11:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	675	164	20	09/24/10 09:38	09/26/10 11:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	675	123	20	09/24/10 09:38	09/26/10 11:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	675	123	20	09/24/10 09:38	09/26/10 11:44	12672-29-6	
PCB-1254 (Aroclor 1254)	11900	ug/kg	675	102	20	09/24/10 09:38	09/26/10 11:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	675	184	20	09/24/10 09:38	09/26/10 11:44	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/kg	675	81.8	20	09/24/10 09:38	09/26/10 11:44	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/kg	675	81.8	20	09/24/10 09:38	09/26/10 11:44	11100-14-4	
Tetrachloro-m-xylene (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 11:44	877-09-8	S4
Decachlorobiphenyl (S)	0 %		55-125		20	09/24/10 09:38	09/26/10 11:44	2051-24-3	S4
<b>Dry Weight</b>		Analytical Method: % Moisture							
Percent Moisture	2.2 %		0.10	0.10	1		09/21/10 00:00		

### ANALYTICAL RESULTS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

**Sample: DECON WATER**      **Lab ID: 4037190021**      Collected: 09/17/10 12:50      Received: 09/18/10 11:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.10	0.032	1	09/22/10 12:07	09/27/10 08:51	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.10	0.045	1	09/22/10 12:07	09/27/10 08:51	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.10	0.038	1	09/22/10 12:07	09/27/10 08:51	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.10	0.012	1	09/22/10 12:07	09/27/10 08:51	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.10	0.038	1	09/22/10 12:07	09/27/10 08:51	12672-29-6	
PCB-1254 (Aroclor 1254)	2.1	ug/L	0.10	0.024	1	09/22/10 12:07	09/27/10 08:51	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.10	0.030	1	09/22/10 12:07	09/27/10 08:51	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	ug/L	0.10	0.015	1	09/22/10 12:07	09/27/10 08:51	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	ug/L	0.10	0.041	1	09/22/10 12:07	09/27/10 08:51	11100-14-4	
Tetrachloro-m-xylene (S)	124	%	30-145		1	09/22/10 12:07	09/27/10 08:51	877-09-8	
Decachlorobiphenyl (S)	72	%	30-150		1	09/22/10 12:07	09/27/10 08:51	2051-24-3	



**QUALITY CONTROL DATA**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

QC Batch: OEXT/13842 Analysis Method: EPA 8082  
QC Batch Method: EPA 3550 Analysis Description: 8082 GCS PCB  
Associated Lab Samples: 4037190001, 4037190002, 4037190003, 4037190004, 4037190005, 4037190006, 4037190007, 4037190008, 4037190009, 4037190010, 4037190011, 4037190012, 4037190013

METHOD BLANK: 857240 Matrix: Solid  
Associated Lab Samples: 4037190001, 4037190002, 4037190003, 4037190004, 4037190005, 4037190006, 4037190007, 4037190008, 4037190009, 4037190010, 4037190011, 4037190012, 4037190013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1221 (Aroclor 1221)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1232 (Aroclor 1232)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1242 (Aroclor 1242)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1248 (Aroclor 1248)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1254 (Aroclor 1254)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1260 (Aroclor 1260)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1262 (Aroclor 1262)	ug/kg	ND	33.0	09/24/10 13:23	
PCB-1268 (Aroclor 1268)	ug/kg	ND	33.0	09/24/10 13:23	
Decachlorobiphenyl (S)	%	86	55-125	09/24/10 13:23	
Tetrachloro-m-xylene (S)	%	86	55-125	09/24/10 13:23	

LABORATORY CONTROL SAMPLE: 857241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	667	555	83	68-125	
PCB-1260 (Aroclor 1260)	ug/kg	667	560	84	64-125	
Decachlorobiphenyl (S)	%			85	55-125	
Tetrachloro-m-xylene (S)	%			84	55-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 857242 857243

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual	
		10138408004 Result	Spike Conc.	Spike Conc.	MS Result				MSD Result	RPD		RPD
PCB-1016 (Aroclor 1016)	ug/kg	ND	719	719	815	592	113	82	43-128	32	30	R1
PCB-1260 (Aroclor 1260)	ug/kg	ND	719	719	730	621	102	86	36-126	16	30	
Decachlorobiphenyl (S)	%						88	82	55-125			
Tetrachloro-m-xylene (S)	%						85	80	55-125			D3

**QUALITY CONTROL DATA**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

QC Batch: OEXT/13873 Analysis Method: EPA 8082  
QC Batch Method: EPA 3550 Analysis Description: 8082 GCS PCB  
Associated Lab Samples: 4037190014, 4037190015, 4037190016, 4037190017, 4037190018, 4037190019, 4037190020

METHOD BLANK: 859415 Matrix: Solid  
Associated Lab Samples: 4037190014, 4037190015, 4037190016, 4037190017, 4037190018, 4037190019, 4037190020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1221 (Aroclor 1221)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1232 (Aroclor 1232)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1242 (Aroclor 1242)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1248 (Aroclor 1248)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1254 (Aroclor 1254)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1260 (Aroclor 1260)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1262 (Aroclor 1262)	ug/kg	ND	33.0	09/26/10 09:53	
PCB-1268 (Aroclor 1268)	ug/kg	ND	33.0	09/26/10 09:53	
Decachlorobiphenyl (S)	%	114	55-125	09/26/10 09:53	
Tetrachloro-m-xylene (S)	%	102	55-125	09/26/10 09:53	

LABORATORY CONTROL SAMPLE: 859416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	667	650	97	68-125	
PCB-1260 (Aroclor 1260)	ug/kg	667	744	112	64-125	
Decachlorobiphenyl (S)	%			115	55-125	
Tetrachloro-m-xylene (S)	%			100	55-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 859417 859418

Parameter	Units	10138137001		MS		MSD		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result						
PCB-1016 (Aroclor 1016)	ug/kg	ND	756	756	756	822	820	109	108	43-128	.3	30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	756	756	756	855	854	113	113	36-126	.2	30	
Decachlorobiphenyl (S)	%							116	116	55-125			
Tetrachloro-m-xylene (S)	%							96	96	55-125			D3

**QUALITY CONTROL DATA**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

QC Batch: OEXT/13851      Analysis Method: EPA 8082  
QC Batch Method: EPA 3510      Analysis Description: 8082 GCS PCB  
Associated Lab Samples: 4037190021

METHOD BLANK: 857924      Matrix: Water  
Associated Lab Samples: 4037190021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1262 (Aroclor 1262)	ug/L	ND	0.10	09/27/10 08:19	
PCB-1268 (Aroclor 1268)	ug/L	ND	0.10	09/27/10 08:19	
Decachlorobiphenyl (S)	%	85	30-150	09/27/10 08:19	
Tetrachloro-m-xylene (S)	%	71	30-145	09/27/10 08:19	

LABORATORY CONTROL SAMPLE & LCSD: 857925

857926

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	2	1.7	1.7	85	83	60-125	3	20	
PCB-1260 (Aroclor 1260)	ug/L	2	1.8	1.8	91	90	53-125	1	20	
Decachlorobiphenyl (S)	%				87	83	30-150			
Tetrachloro-m-xylene (S)	%				71	68	30-145			



**QUALITY CONTROL DATA**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

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QC Batch: MPRP/22423                      Analysis Method: % Moisture  
QC Batch Method: % Moisture              Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 4037190001, 4037190002, 4037190003, 4037190004, 4037190005, 4037190006, 4037190007, 4037190008

---

SAMPLE DUPLICATE: 856471

Parameter	Units	10138408001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.5	3.5	.1	30	

SAMPLE DUPLICATE: 856472

Parameter	Units	4037190008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.1	6.1	.3	30	

**QUALITY CONTROL DATA**

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

---

QC Batch: MPRP/22433                      Analysis Method: % Moisture  
QC Batch Method: % Moisture              Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 4037190009, 4037190010, 4037190011, 4037190012, 4037190013, 4037190014, 4037190015, 4037190016,  
4037190017, 4037190018, 4037190019, 4037190020

---

SAMPLE DUPLICATE: 856769

Parameter	Units	10138468001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.9	5.9	.3	30	

---

SAMPLE DUPLICATE: 856770

Parameter	Units	10138183002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.9	21.1	8	30	

## QUALIFIERS

Project: 4037190 RMT-MADISON  
Pace Project No.: 10138444

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

### BATCH QUALIFIERS

Batch: GCSV/7249

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

### ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.



November 10, 2010

JAMES WEDEKIND  
RMT MADISON  
744 HEARTLAND TRAIL  
Madison, WI 53717

RE: Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Dear JAMES WEDEKIND:

Enclosed are the analytical results for sample(s) received by the laboratory on October 27, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Alee Her

alee.her@pacelabs.com  
Project Manager

Enclosures

cc: Nate Keller, RMT MADISON

**REPORT OF LABORATORY ANALYSIS**

Page 1 of 67

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## CERTIFICATIONS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
California Certification #: 09268CA  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334  
New York Certification #: 11888

New York Certification #: 11888  
North Carolina Certification #: 503  
North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
US Dept of Agriculture #: S-76505  
Wisconsin Certification #: 405132750  
Wisconsin DATCP Certification #: 105-444

## REPORT OF LABORATORY ANALYSIS

Page 2 of 67

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**SAMPLE SUMMARY**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4038806001	FURNACE-1	Solid	10/22/10 11:05	10/27/10 09:55
4038806002	FURNACE-2	Solid	10/22/10 11:06	10/27/10 09:55
4038806003	SS-1	Solid	10/22/10 11:30	10/27/10 09:55
4038806004	SS-2	Solid	10/22/10 11:45	10/27/10 09:55
4038806005	SS-3	Solid	10/22/10 12:00	10/27/10 09:55
<del>4038806006</del>	<del>SS-4</del>	Solid	10/22/10 12:05	10/27/10 09:55
4038806007	D-1	Solid	10/22/10 12:30	10/27/10 09:55
4038806008	WP-01	Solid	10/22/10 12:35	10/27/10 09:55
4038806009	FURNACE-3	Solid	10/22/10 11:10	10/27/10 09:55
4038806010	C1-0-1	Solid	10/25/10 10:45	10/27/10 09:55
4038806011	C1-1-2	Solid	10/25/10 10:40	10/27/10 09:55
4038806012	C2-0-1	Solid	10/25/10 10:50	10/27/10 09:55
4038806013	C2-1-2	Solid	10/25/10 11:00	10/27/10 09:55
4038806014	C3-0-1	Solid	10/25/10 12:25	10/27/10 09:55
4038806015	C3-1-2	Solid	10/25/10 12:30	10/27/10 09:55
4038806016	C4-0-1	Solid	10/25/10 12:45	10/27/10 09:55
4038806017	C4-1-2	Solid	10/25/10 12:50	10/27/10 09:55
4038806018	C5-0-1	Solid	10/25/10 13:00	10/27/10 09:55
4038806019	C5-1-2	Solid	10/25/10 13:05	10/27/10 09:55

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**SAMPLE ANALYTE COUNT**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4038806001	FURNACE-1	EPA 6010	DLB	1
4038806002	FURNACE-2	EPA 6010	DLB	1
4038806003	SS-1	EPA 8082	BDS	10
		EPA 6010	DLB	7
		EPA 7471	CMS	1
		EPA 8270	RJN	66
		EPA 8260	JJB	64
		ASTM D2974-87	AME	1
		4038806004	SS-2	EPA 8082
EPA 6010	DLB	7		
EPA 7471	CMS	1		
EPA 8270	RJN	66		
EPA 8260	JJB	64		
ASTM D2974-87	AME	1		
4038806005	SS-3	EPA 8082		BDS
EPA 6010		DLB	7	
EPA 7471		CMS	1	
EPA 8270		RJN	66	
EPA 8260		JJB	64	
ASTM D2974-87		AME	1	
4038806006		SS-4	EPA 8082	BDS
EPA 6010	DLB		7	
EPA 7471	CMS		1	
EPA 8270	RJN		66	
EPA 8260	JJB		64	
ASTM D2974-87	AME		1	
4038806007	D-1		EPA 8082	BDS
EPA 6010		DLB	7	
EPA 7471		CMS	1	
EPA 8270		RJN	66	
EPA 8260		JJB	64	
ASTM D2974-87		AME	1	
4038806008		WP-01	EPA 6010	DLB
EPA 6010	DLB		1	
EPA 7471	CMS		1	
ASTM D2974-87	AME		1	
4038806009	FURNACE-3	EPA 6010	DLB	1

**REPORT OF LABORATORY ANALYSIS**

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### SAMPLE ANALYTE COUNT

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4038806010	C1-0-1	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806011	C1-1-2	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806012	C2-0-1	EPA 8082	BDS	10
		<del>ASTM D2974-87</del>	<del>AME</del>	<del>1</del>
4038806013	C2-1-2	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806014	C3-0-1	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806015	C3-1-2	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806016	C4-0-1	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806017	C4-1-2	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806018	C5-0-1	EPA 8082	BDS	10
		ASTM D2974-87	AME	1
4038806019	C5-1-2	EPA 8082	BDS	10
		ASTM D2974-87	AME	1

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8082  
**Description:** 8082 GCS PCB  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

### General Information:

15 samples were analyzed for EPA 8082. All samples were received in acceptable condition with any exceptions noted below.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 3541 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/9643

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- C1-0-1 (Lab ID: 4038806010)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C1-1-2 (Lab ID: 4038806011)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C2-0-1 (Lab ID: 4038806012)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C2-1-2 (Lab ID: 4038806013)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C3-0-1 (Lab ID: 4038806014)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C4-0-1 (Lab ID: 4038806016)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C4-1-2 (Lab ID: 4038806017)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C5-0-1 (Lab ID: 4038806018)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- C5-1-2 (Lab ID: 4038806019)

## REPORT OF LABORATORY ANALYSIS

Page 6 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8082  
**Description:** 8082 GCS PCB  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

QC Batch: OEXT/9643

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- Decachlorobiphenyl (S)
- Tetrachloro-m-xylene (S)

~~MS (Lab ID: 376513)~~

- Decachlorobiphenyl (S)
- Tetrachloro-m-xylene (S)
- MSD (Lab ID: 376514)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- SS-3 (Lab ID: 4038806005)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)

### Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/9643

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4038806005

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 376513)
  - PCB-1260 (Aroclor 1260)
- MSD (Lab ID: 376514)
  - PCB-1260 (Aroclor 1260)

### Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

### Additional Comments:

Analyte Comments:

QC Batch: OEXT/9643

1q: The Surrogate was manually assigned outside of the retention time window based on pattern recognition. The retention time shift may be due to sample matrix.

- SS-4 (Lab ID: 4038806006)
  - Tetrachloro-m-xylene (S)

## REPORT OF LABORATORY ANALYSIS

Page 7 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8082  
**Description:** 8082 GCS PCB  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

### Analyte Comments:

QC Batch: OEXT/9643

2q: The aroclor was manually assigned outside of the retention time window based on pattern recognition. The retention time shift may be due to sample matrix.

- SS-1 (Lab ID: 4038806003)
  - PCB-1254 (Aroclor 1254)
- SS-4 (Lab ID: 4038806006)
  - PCB-1254 (Aroclor 1254)
  - PCB-1260 (Aroclor 1260)

## REPORT OF LABORATORY ANALYSIS

Page 8 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 6010  
**Description:** 6010 MET ICP  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

### General Information:

6 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

### Additional Comments:

Analyte Comments:

QC Batch: MPRP/4711

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- SS-1 (Lab ID: 4038806003)
  - Arsenic
  - Selenium
- WP-01 (Lab ID: 4038806008)
  - Arsenic
  - Selenium

## REPORT OF LABORATORY ANALYSIS

Page 9 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 6010  
**Description:** 6010 MET ICP, TCLP  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

**General Information:**

4 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

Page 10 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 7471  
**Description:** 7471 Mercury  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

**General Information:**

6 samples were analyzed for EPA 7471. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MERP/2248

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4038806003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 379411)
- Mercury

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

Page 11 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8270  
**Description:** 8270 MSSV FULL LIST MICROWAVE  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

**General Information:**

5 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Internal Standards:**

All internal standards were within QC limits with any exceptions noted below.

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/9665

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- D-1 (Lab ID: 4038806007)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)
- MS (Lab ID: 377105)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)
- MSD (Lab ID: 377106)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)

## REPORT OF LABORATORY ANALYSIS

Page 12 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8270  
**Description:** 8270 MSSV FULL LIST MICROWAVE  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

QC Batch: OEXT/9665

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- SS-1 (Lab ID: 4038806003)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)
- SS-2 (Lab ID: 4038806004)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)
- SS-3 (Lab ID: 4038806005)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)
- SS-4 (Lab ID: 4038806006)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)

### Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/9665

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4038806003

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 377105)
  - 2,4,5-Trichlorophenol

## REPORT OF LABORATORY ANALYSIS

Page 13 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8270  
**Description:** 8270 MSSV FULL LIST MICROWAVE  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

QC Batch: OEXT/9665

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4038806003

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- 2,4,6-Trichlorophenol
- 2,4-Dichlorophenol
- 2,4-Dimethylphenol
- 2,4-Dinitrophenol
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Chloronaphthalene
- 2-Chlorophenol
- 2-Methylphenol(o-Cresol)
- 2-Nitroaniline
- 2-Nitrophenol
- 3&4-Methylphenol(m&p Cresol)
- 3,3'-Dichlorobenzidine
- 3-Nitroaniline
- 4,6-Dinitro-2-methylphenol
- 4-Bromophenylphenyl ether
- 4-Chloro-3-methylphenol
- 4-Chloroaniline
- 4-Chlorophenylphenyl ether
- 4-Nitroaniline
- 4-Nitrophenol
- Acenaphthene
- Acenaphthylene
- Anthracene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Benzo(k)fluoranthene
- Benzyl alcohol
- Butylbenzylphthalate
- Chrysene
- Di-n-butylphthalate
- Di-n-octylphthalate
- Dibenz(a,h)anthracene
- Dibenzofuran
- Diethylphthalate
- Dimethylphthalate
- Fluoranthene
- Fluorene
- Hexachloro-1,3-butadiene
- Hexachlorobenzene
- Hexachlorocyclopentadiene

## REPORT OF LABORATORY ANALYSIS

Page 14 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8270  
**Description:** 8270 MSSV FULL LIST MICROWAVE  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

QC Batch: OEXT/9665

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4038806003

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- Hexachloroethane
- Indeno(1,2,3-cd)pyrene
- Isophorone
- N-Nitroso-di-n-propylamine
- N-Nitrosodiphenylamine
- Naphthalene
- Nitrobenzene
- Pentachlorophenol
- Phenanthrene
- Phenol
- Pyrene
- bis(2-Chloroethoxy)methane
- bis(2-Chloroethyl) ether
- bis(2-Ethylhexyl)phthalate
- MSD (Lab ID: 377106)
  - 2,4,5-Trichlorophenol
  - 2,4,6-Trichlorophenol
  - 2,4-Dichlorophenol
  - 2,4-Dimethylphenol
  - 2,4-Dinitrophenol
  - 2,4-Dinitrotoluene
  - 2,6-Dinitrotoluene
  - 2-Chloronaphthalene
  - 2-Chlorophenol
  - 2-Methylphenol(o-Cresol)
  - 2-Nitroaniline
  - 2-Nitrophenol
  - 3&4-Methylphenol(m&p Cresol)
  - 3,3'-Dichlorobenzidine
  - 3-Nitroaniline
  - 4,6-Dinitro-2-methylphenol
  - 4-Bromophenylphenyl ether
  - 4-Chloro-3-methylphenol
  - 4-Chloroaniline
  - 4-Chlorophenylphenyl ether
  - 4-Nitroaniline
  - 4-Nitrophenol
  - Acenaphthene
  - Acenaphthylene
  - Anthracene
  - Benzo(a)anthracene
  - Benzo(a)pyrene
  - Benzo(b)fluoranthene

## REPORT OF LABORATORY ANALYSIS

Page 15 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8270  
**Description:** 8270 MSSV FULL LIST MICROWAVE  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

QC Batch: OEXT/9665

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4038806003

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- Benzo(g,h,i)perylene
- Benzo(k)fluoranthene
- Benzyl alcohol
- Butylbenzylphthalate
- Chrysene
- Di-n-butylphthalate
- Di-n-octylphthalate
- Dibenz(a,h)anthracene
- Dibenzofuran
- Diethylphthalate
- Dimethylphthalate
- Fluoranthene
- Fluorene
- Hexachloro-1,3-butadiene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- Hexachloroethane
- Indeno(1,2,3-cd)pyrene
- Isophorone
- N-Nitroso-di-n-propylamine
- N-Nitrosodiphenylamine
- Naphthalene
- Nitrobenzene
- Pentachlorophenol
- Phenanthrene
- Phenol
- Pyrene
- bis(2-Chloroethoxy)methane
- bis(2-Chloroethyl) ether
- bis(2-Ethylhexyl)phthalate

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

Analyte Comments:

QC Batch: OEXT/9665

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- SS-1 (Lab ID: 4038806003)
- Phenol

## REPORT OF LABORATORY ANALYSIS

Page 16 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8270  
**Description:** 8270 MSSV FULL LIST MICROWAVE  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

Analyte Comments:

QC Batch: OEXT/9665

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- SS-2 (Lab ID: 4038806004)
  - Phenol
- SS-3 (Lab ID: 4038806005)
  - Phenol
- SS-4 (Lab ID: 4038806006)
  - Phenol

## REPORT OF LABORATORY ANALYSIS

Page 17 of 67

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## PROJECT NARRATIVE

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

---

**Method:** EPA 8260  
**Description:** 8260 MSV Med Level Normal List  
**Client:** RMT - MADISON  
**Date:** November 10, 2010

### General Information:

5 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/9469

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- SS-3 (Lab ID: 4038806005)
  - Dibromofluoromethane (S)
  - Toluene-d8 (S)

### Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

### Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

Page 18 of 67

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**ANALYTICAL RESULTS**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: FURNACE-1 Lab ID: 4038806001 Collected: 10/22/10 11:05 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP, TCLP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 10/28/10 00:00								
Lead	0.12	mg/L	0.038	0.019	1	11/01/10 07:15	11/01/10 20:32	7439-92-1	

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

**Sample: FURNACE-2**      **Lab ID: 4038806002**      Collected: 10/22/10 11:06      Received: 10/27/10 09:55      Matrix: Solid  
*Results reported on a "wet-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP, TCLP</b>	Analytical Method: EPA 6010    Preparation Method: EPA 3010 Leachate Method/Date: EPA 1311; 10/28/10 00:00								
Lead	<b>0.082</b>	mg/L	0.038	0.019	1	11/01/10 07:15	11/01/10 20:36	7439-92-1	

**ANALYTICAL RESULTS**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-1 Lab ID: 4038806003 Collected: 10/22/10 11:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b> Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<24.6	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	12674-11-2	
PCB-1221 (Aroclor 1221)	<24.6	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	11104-28-2	
PCB-1232 (Aroclor 1232)	<24.6	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	11141-16-5	
PCB-1242 (Aroclor 1242)	<24.6	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	53469-21-9	
PCB-1248 (Aroclor 1248)	<24.6	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	12672-29-6	
PCB-1254 (Aroclor 1254)	760	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	11097-69-1	2q
PCB-1260 (Aroclor 1260)	221	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	11096-82-5	
PCB, Total	982	ug/kg	104	24.6	1	10/28/10 09:30	11/01/10 12:07	1336-36-3	
Tetrachloro-m-xylene (S)	71	%	46-130		1	10/28/10 09:30	11/01/10 12:07	877-09-8	
Decachlorobiphenyl (S)	91	%	50-130		1	10/28/10 09:30	11/01/10 12:07	2051-24-3	
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	15.9J	mg/kg	19.2	0.92	10	10/28/10 11:30	11/02/10 12:40	7440-38-2	D3
Barium	63.9	mg/kg	0.48	0.043	1	10/28/10 11:30	11/01/10 19:11	7440-39-3	
Cadmium	5.8	mg/kg	4.8	0.25	10	10/28/10 11:30	11/02/10 12:40	7440-43-9	
Chromium	268	mg/kg	0.48	0.031	1	10/28/10 11:30	11/01/10 19:11	7440-47-3	
Lead	183	mg/kg	9.6	0.93	10	10/28/10 11:30	11/02/10 12:40	7439-92-1	
Selenium	2.7J	mg/kg	19.2	1.6	10	10/28/10 11:30	11/02/10 12:40	7782-49-2	B,D3
Silver	1.9	mg/kg	0.96	0.043	1	10/28/10 11:30	11/01/10 19:11	7440-22-4	
<b>7471 Mercury</b> Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.28	mg/kg	0.021	0.0022	2	11/04/10 08:22	11/05/10 08:37	7439-97-6	M0
<b>8270 MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	83-32-9	M6
Acenaphthylene	<7450	ug/kg	69600	7450	200	10/29/10 11:22	11/01/10 17:10	208-96-8	M6
Anthracene	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	120-12-7	M6
Benzo(a)anthracene	<7820	ug/kg	69600	7820	200	10/29/10 11:22	11/01/10 17:10	56-55-3	M6
Benzo(a)pyrene	<8420	ug/kg	69600	8420	200	10/29/10 11:22	11/01/10 17:10	50-32-8	M6
Benzo(b)fluoranthene	<8200	ug/kg	69600	8200	200	10/29/10 11:22	11/01/10 17:10	205-99-2	M6
Benzo(g,h,i)perylene	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	191-24-2	M6
Benzo(k)fluoranthene	<11000	ug/kg	69600	11000	200	10/29/10 11:22	11/01/10 17:10	207-08-9	M6
Benzyl alcohol	<8660	ug/kg	139000	8660	200	10/29/10 11:22	11/01/10 17:10	100-51-6	M6
4-Bromophenylphenyl ether	<7360	ug/kg	69600	7360	200	10/29/10 11:22	11/01/10 17:10	101-55-3	M6
Butylbenzylphthalate	<15600	ug/kg	69600	15600	200	10/29/10 11:22	11/01/10 17:10	85-68-7	M6
4-Chloro-3-methylphenol	<7090	ug/kg	69600	7090	200	10/29/10 11:22	11/01/10 17:10	59-50-7	M6
4-Chloroaniline	<34700	ug/kg	139000	34700	200	10/29/10 11:22	11/01/10 17:10	106-47-8	M6
bis(2-Chloroethoxy)methane	<8380	ug/kg	69600	8380	200	10/29/10 11:22	11/01/10 17:10	111-91-1	M6
bis(2-Chloroethyl) ether	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	111-44-4	M6
2-Chloronaphthalene	<7230	ug/kg	69600	7230	200	10/29/10 11:22	11/01/10 17:10	91-58-7	M6
2-Chlorophenol	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	95-57-8	M6
4-Chlorophenylphenyl ether	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	7005-72-3	M6
Chrysene	<10100	ug/kg	69600	10100	200	10/29/10 11:22	11/01/10 17:10	218-01-9	M6
Dibenz(a,h)anthracene	<12700	ug/kg	69600	12700	200	10/29/10 11:22	11/01/10 17:10	53-70-3	M6



### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-1 Lab ID: 4038806003 Collected: 10/22/10 11:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<b>MICROWAVE</b>									
Dibenzofuran	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	132-64-9	M6
3,3'-Dichlorobenzidine	<5040	ug/kg	69600	5040	200	10/29/10 11:22	11/01/10 17:10	91-94-1	M6
2,4-Dichlorophenol	<5930	ug/kg	69600	5930	200	10/29/10 11:22	11/01/10 17:10	120-83-2	M6
Diethylphthalate	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	84-66-2	M6
2,4-Dimethylphenol	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	105-67-9	M6
Dimethylphthalate	<7290	ug/kg	69600	7290	200	10/29/10 11:22	11/01/10 17:10	131-11-3	M6
Di-n-butylphthalate	<11600	ug/kg	69600	11600	200	10/29/10 11:22	11/01/10 17:10	84-74-2	M6
4,6-Dinitro-2-methylphenol	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	534-52-1	M6
2,4-Dinitrophenol	<51000	ug/kg	278000	51000	200	10/29/10 11:22	11/01/10 17:10	51-28-5	M6
2,4-Dinitrotoluene	<5460	ug/kg	69600	5460	200	10/29/10 11:22	11/01/10 17:10	121-14-2	M6
2,6-Dinitrotoluene	<8020	ug/kg	69600	8020	200	10/29/10 11:22	11/01/10 17:10	606-20-2	M6
Di-n-octylphthalate	<7590	ug/kg	69600	7590	200	10/29/10 11:22	11/01/10 17:10	117-84-0	M6
bis(2-Ethylhexyl)phthalate	<14200	ug/kg	69600	14200	200	10/29/10 11:22	11/01/10 17:10	117-81-7	M6
Fluoranthene	<12300	ug/kg	69600	12300	200	10/29/10 11:22	11/01/10 17:10	206-44-0	M6
Fluorene	<3490	ug/kg	69600	3490	200	10/29/10 11:22	11/01/10 17:10	86-73-7	M6
Hexachloro-1,3-butadiene	<8940	ug/kg	69600	8940	200	10/29/10 11:22	11/01/10 17:10	87-68-3	M6
Hexachlorobenzene	<4080	ug/kg	69600	4080	200	10/29/10 11:22	11/01/10 17:10	118-74-1	M6
Hexachlorocyclopentadiene	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	77-47-4	M6
Hexachloroethane	<8790	ug/kg	69600	8790	200	10/29/10 11:22	11/01/10 17:10	67-72-1	M6
Indeno(1,2,3-cd)pyrene	<9310	ug/kg	69600	9310	200	10/29/10 11:22	11/01/10 17:10	193-39-5	M6
Isophorone	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	78-59-1	M6
2-Methylnaphthalene	<7660	ug/kg	69600	7660	200	10/29/10 11:22	11/01/10 17:10	91-57-6	M6
2-Methylphenol(o-Cresol)	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	95-48-7	M6
3&4-Methylphenol(m&p Cresol)	<7240	ug/kg	69600	7240	200	10/29/10 11:22	11/01/10 17:10		M6
Naphthalene	<8120	ug/kg	69600	8120	200	10/29/10 11:22	11/01/10 17:10	91-20-3	M6
2-Nitroaniline	<5030	ug/kg	69600	5030	200	10/29/10 11:22	11/01/10 17:10	88-74-4	M6
3-Nitroaniline	<5500	ug/kg	69600	5500	200	10/29/10 11:22	11/01/10 17:10	99-09-2	M6
4-Nitroaniline	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	100-01-6	M6
Nitrobenzene	<7980	ug/kg	69600	7980	200	10/29/10 11:22	11/01/10 17:10	98-95-3	M6
2-Nitrophenol	<8310	ug/kg	69600	8310	200	10/29/10 11:22	11/01/10 17:10	88-75-5	M6
4-Nitrophenol	<13700	ug/kg	69600	13700	200	10/29/10 11:22	11/01/10 17:10	100-02-7	M6
N-Nitroso-di-n-propylamine	<8240	ug/kg	69600	8240	200	10/29/10 11:22	11/01/10 17:10	621-64-7	M6
N-Nitrosodiphenylamine	<9540	ug/kg	69600	9540	200	10/29/10 11:22	11/01/10 17:10	86-30-6	M6
Pentachlorophenol	<34700	ug/kg	137000	34700	200	10/29/10 11:22	11/01/10 17:10	87-86-5	M6
Phenanthrene	<34700	ug/kg	69600	34700	200	10/29/10 11:22	11/01/10 17:10	85-01-8	M6
Phenol	<8250	ug/kg	69600	8250	200	10/29/10 11:22	11/01/10 17:10	108-95-2	D3,M6
Pyrene	<16900	ug/kg	69600	16900	200	10/29/10 11:22	11/01/10 17:10	129-00-0	M6
1,2,4,5-Tetrachlorobenzene	<21800	ug/kg	69600	21800	200	10/29/10 11:22	11/01/10 17:10	95-94-3	M6
2,4,5-Trichlorophenol	<4570	ug/kg	69600	4570	200	10/29/10 11:22	11/01/10 17:10	95-95-4	M6
2,4,6-Trichlorophenol	<7670	ug/kg	69600	7670	200	10/29/10 11:22	11/01/10 17:10	88-06-2	M6
Nitrobenzene-d5 (S)	0 %		21-130		200	10/29/10 11:22	11/01/10 17:10	4165-60-0	S4
2-Fluorobiphenyl (S)	0 %		40-130		200	10/29/10 11:22	11/01/10 17:10	321-60-8	S4
Terphenyl-d14 (S)	0 %		10-164		200	10/29/10 11:22	11/01/10 17:10	1718-51-0	S4
Phenol-d6 (S)	0 %		31-130		200	10/29/10 11:22	11/01/10 17:10	13127-88-3	S4

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-1 Lab ID: 4038806003 Collected: 10/22/10 11:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
<b>MICROWAVE</b>									
2-Fluorophenol (S)	0 %		26-130		200	10/29/10 11:22	11/01/10 17:10	367-12-4	S4
2,4,6-Tribromophenol (S)	0 %		10-130		200	10/29/10 11:22	11/01/10 17:10	118-79-6	S4

**8260 MSV Med Level Normal List** Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B

1,1,1,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	630-20-6	W
1,1,1-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	79-34-5	W
1,1,2-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	79-00-5	W
1,1-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-34-3	W
1,1-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-35-4	W
1,1-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	563-58-6	W
1,2,3-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	87-61-6	W
1,2,3-Trichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	96-18-4	W
1,2,4-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	120-82-1	W
1,2,4-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	95-63-6	W
1,2-Dibromo-3-chloropropane	<82.3 ug/kg		250	82.3	1	10/29/10 11:24	10/29/10 18:29	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	106-93-4	W
1,2-Dichlorobenzene	<44.4 ug/kg		60.0	44.4	1	10/29/10 11:24	10/29/10 18:29	95-50-1	W
1,2-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	107-06-2	W
1,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	78-87-5	W
1,3,5-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	108-67-8	W
1,3-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	541-73-1	W
1,3-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	142-28-9	W
1,4-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	106-46-7	W
2,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	594-20-7	W
2-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	95-49-8	W
4-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	106-43-4	W
Benzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	71-43-2	W
Bromobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	108-86-1	W
Bromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	74-97-5	W
Bromodichloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-27-4	W
Bromoform	<25.9 ug/kg		60.0	25.9	1	10/29/10 11:24	10/29/10 18:29	75-25-2	W
Bromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	74-83-9	W
Carbon tetrachloride	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	56-23-5	W
Chlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	108-90-7	W
Chloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-00-3	W
Chloroform	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	67-66-3	W
Chloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	74-87-3	W
Dibromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	124-48-1	W
Dibromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	74-95-3	W
Dichlorodifluoromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-71-8	W
Diisopropyl ether	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	108-20-3	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	100-41-4	W
Hexachloro-1,3-butadiene	<26.4 ug/kg		60.0	26.4	1	10/29/10 11:24	10/29/10 18:29	87-68-3	W

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 23 of 67

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### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-1 Lab ID: 4038806003 Collected: 10/22/10 11:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-09-2	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	75-01-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	10061-01-5	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/10 11:24	10/29/10 18:29	179601-23-1	W
n-Butylbenzene	<40.4	ug/kg	60.0	40.4	1	10/29/10 11:24	10/29/10 18:29	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	103-65-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	95-47-6	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:29	10061-02-6	W
Dibromofluoromethane (S)	123	%	67-143		1	10/29/10 11:24	10/29/10 18:29	1868-53-7	
Toluene-d8 (S)	118	%	67-132		1	10/29/10 11:24	10/29/10 18:29	2037-26-5	
4-Bromofluorobenzene (S)	103	%	55-141		1	10/29/10 11:24	10/29/10 18:29	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	4.0	%	0.10	0.10	1		11/02/10 07:57		



## ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-2 Lab ID: 4038806004 Collected: 10/22/10 11:45 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<40.3	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	12674-11-2	
PCB-1221 (Aroclor 1221)	<40.3	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	11104-28-2	
PCB-1232 (Aroclor 1232)	<40.3	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	11141-16-5	
PCB-1242 (Aroclor 1242)	<40.3	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	53469-21-9	
PCB-1248 (Aroclor 1248)	<40.3	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	12672-29-6	
PCB-1254 (Aroclor 1254)	1320	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	11097-69-1	
PCB-1260 (Aroclor 1260)	327	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	11096-82-5	
PCB, Total	1640	ug/kg	171	40.3	1	10/28/10 09:30	11/01/10 12:24	1336-36-3	
Tetrachloro-m-xylene (S)	69 %		46-130		1	10/28/10 09:30	11/01/10 12:24	877-09-8	
Decachlorobiphenyl (S)	84 %		50-130		1	10/28/10 09:30	11/01/10 12:24	2051-24-3	
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.3	mg/kg	3.0	0.15	1	10/28/10 11:30	11/01/10 19:15	7440-38-2	
Barium	116	mg/kg	0.76	0.068	1	10/28/10 11:30	11/01/10 19:15	7440-39-3	
Cadmium	5.7	mg/kg	0.76	0.040	1	10/28/10 11:30	11/01/10 19:15	7440-43-9	
Chromium	111	mg/kg	0.76	0.048	1	10/28/10 11:30	11/01/10 19:15	7440-47-3	
Lead	125	mg/kg	1.5	0.15	1	10/28/10 11:30	11/01/10 19:15	7439-92-1	
Selenium	2.9J	mg/kg	3.0	0.25	1	10/28/10 11:30	11/01/10 19:15	7782-49-2	B
Silver	0.64J	mg/kg	1.5	0.068	1	10/28/10 11:30	11/01/10 19:15	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.35	mg/kg	0.017	0.0018	1	11/04/10 08:22	11/05/10 08:25	7439-97-6	
<b>8270 MSSV FULL LIST MICROWAVE</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	83-32-9	
Acenaphthylene	<3050	ug/kg	28500	3050	20	10/29/10 11:22	11/01/10 15:03	208-96-8	
Anthracene	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	120-12-7	
Benzo(a)anthracene	<3200	ug/kg	28500	3200	20	10/29/10 11:22	11/01/10 15:03	56-55-3	
Benzo(a)pyrene	<3450	ug/kg	28500	3450	20	10/29/10 11:22	11/01/10 15:03	50-32-8	
Benzo(b)fluoranthene	<3360	ug/kg	28500	3360	20	10/29/10 11:22	11/01/10 15:03	205-99-2	
Benzo(g,h,i)perylene	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	191-24-2	
Benzo(k)fluoranthene	<4490	ug/kg	28500	4490	20	10/29/10 11:22	11/01/10 15:03	207-08-9	
Benzyl alcohol	<3550	ug/kg	56900	3550	20	10/29/10 11:22	11/01/10 15:03	100-51-6	
4-Bromophenylphenyl ether	<3020	ug/kg	28500	3020	20	10/29/10 11:22	11/01/10 15:03	101-55-3	
Butylbenzylphthalate	<6410	ug/kg	28500	6410	20	10/29/10 11:22	11/01/10 15:03	85-68-7	
4-Chloro-3-methylphenol	<2910	ug/kg	28500	2910	20	10/29/10 11:22	11/01/10 15:03	59-50-7	
4-Chloroaniline	<14200	ug/kg	56900	14200	20	10/29/10 11:22	11/01/10 15:03	106-47-8	
bis(2-Chloroethoxy)methane	<3430	ug/kg	28500	3430	20	10/29/10 11:22	11/01/10 15:03	111-91-1	
bis(2-Chloroethyl) ether	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	111-44-4	
2-Chloronaphthalene	<2960	ug/kg	28500	2960	20	10/29/10 11:22	11/01/10 15:03	91-58-7	
2-Chlorophenol	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	95-57-8	
4-Chlorophenylphenyl ether	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	7005-72-3	
Chrysene	<4150	ug/kg	28500	4150	20	10/29/10 11:22	11/01/10 15:03	218-01-9	
Dibenz(a,h)anthracene	<5210	ug/kg	28500	5210	20	10/29/10 11:22	11/01/10 15:03	53-70-3	

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 25 of 67

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### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-2 Lab ID: 4038806004 Collected: 10/22/10 11:45 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>									
<b>MICROWAVE</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Dibenzofuran	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	132-64-9	
3,3'-Dichlorobenzidine	<2060	ug/kg	28500	2060	20	10/29/10 11:22	11/01/10 15:03	91-94-1	
2,4-Dichlorophenol	<2430	ug/kg	28500	2430	20	10/29/10 11:22	11/01/10 15:03	120-83-2	
Diethylphthalate	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	84-66-2	
2,4-Dimethylphenol	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	105-67-9	
Dimethylphthalate	<2990	ug/kg	28500	2990	20	10/29/10 11:22	11/01/10 15:03	131-11-3	
Di-n-butylphthalate	<4760	ug/kg	28500	4760	20	10/29/10 11:22	11/01/10 15:03	84-74-2	
4,6-Dinitro-2-methylphenol	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	534-52-1	
2,4-Dinitrophenol	<20900	ug/kg	114000	20900	20	10/29/10 11:22	11/01/10 15:03	51-28-5	
2,4-Dinitrotoluene	<2240	ug/kg	28500	2240	20	10/29/10 11:22	11/01/10 15:03	121-14-2	
2,6-Dinitrotoluene	<3290	ug/kg	28500	3290	20	10/29/10 11:22	11/01/10 15:03	606-20-2	
Di-n-octylphthalate	<3110	ug/kg	28500	3110	20	10/29/10 11:22	11/01/10 15:03	117-84-0	
bis(2-Ethylhexyl)phthalate	<5830	ug/kg	28500	5830	20	10/29/10 11:22	11/01/10 15:03	117-81-7	
Fluoranthene	<5040	ug/kg	28500	5040	20	10/29/10 11:22	11/01/10 15:03	206-44-0	
Fluorene	<1430	ug/kg	28500	1430	20	10/29/10 11:22	11/01/10 15:03	86-73-7	
Hexachloro-1,3-butadiene	<3660	ug/kg	28500	3660	20	10/29/10 11:22	11/01/10 15:03	87-68-3	
Hexachlorobenzene	<1670	ug/kg	28500	1670	20	10/29/10 11:22	11/01/10 15:03	118-74-1	
Hexachlorocyclopentadiene	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	77-47-4	
Hexachloroethane	<3600	ug/kg	28500	3600	20	10/29/10 11:22	11/01/10 15:03	67-72-1	
Indeno(1,2,3-cd)pyrene	<3820	ug/kg	28500	3820	20	10/29/10 11:22	11/01/10 15:03	193-39-5	
Isophorone	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	78-59-1	
2-Methylnaphthalene	<3140	ug/kg	28500	3140	20	10/29/10 11:22	11/01/10 15:03	91-57-6	
2-Methylphenol(o-Cresol)	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	<2970	ug/kg	28500	2970	20	10/29/10 11:22	11/01/10 15:03		
Naphthalene	<3330	ug/kg	28500	3330	20	10/29/10 11:22	11/01/10 15:03	91-20-3	
2-Nitroaniline	<2060	ug/kg	28500	2060	20	10/29/10 11:22	11/01/10 15:03	88-74-4	
3-Nitroaniline	<2260	ug/kg	28500	2260	20	10/29/10 11:22	11/01/10 15:03	99-09-2	
4-Nitroaniline	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	100-01-6	
Nitrobenzene	<3270	ug/kg	28500	3270	20	10/29/10 11:22	11/01/10 15:03	98-95-3	
2-Nitrophenol	<3400	ug/kg	28500	3400	20	10/29/10 11:22	11/01/10 15:03	88-75-5	
4-Nitrophenol	<5610	ug/kg	28500	5610	20	10/29/10 11:22	11/01/10 15:03	100-02-7	
N-Nitroso-di-n-propylamine	<3380	ug/kg	28500	3380	20	10/29/10 11:22	11/01/10 15:03	621-64-7	
N-Nitrosodiphenylamine	<3910	ug/kg	28500	3910	20	10/29/10 11:22	11/01/10 15:03	86-30-6	
Pentachlorophenol	<14200	ug/kg	56300	14200	20	10/29/10 11:22	11/01/10 15:03	87-86-5	
Phenanthrene	<14200	ug/kg	28500	14200	20	10/29/10 11:22	11/01/10 15:03	85-01-8	
Phenol	<3380	ug/kg	28500	3380	20	10/29/10 11:22	11/01/10 15:03	108-95-2	D3
Pyrene	<6930	ug/kg	28500	6930	20	10/29/10 11:22	11/01/10 15:03	129-00-0	
1,2,4,5-Tetrachlorobenzene	<8930	ug/kg	28500	8930	20	10/29/10 11:22	11/01/10 15:03	95-94-3	
2,4,5-Trichlorophenol	<1870	ug/kg	28500	1870	20	10/29/10 11:22	11/01/10 15:03	95-95-4	
2,4,6-Trichlorophenol	<3140	ug/kg	28500	3140	20	10/29/10 11:22	11/01/10 15:03	88-06-2	
Nitrobenzene-d5 (S)	0 %		21-130		20	10/29/10 11:22	11/01/10 15:03	4165-60-0	S4
2-Fluorobiphenyl (S)	0 %		40-130		20	10/29/10 11:22	11/01/10 15:03	321-60-8	S4
Terphenyl-d14 (S)	0 %		10-164		20	10/29/10 11:22	11/01/10 15:03	1718-51-0	S4
Phenol-d6 (S)	0 %		31-130		20	10/29/10 11:22	11/01/10 15:03	13127-88-3	S4

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-2 Lab ID: 4038806004 Collected: 10/22/10 11:45 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
<b>MICROWAVE</b>									
2-Fluorophenol (S)	0 %		26-130		20	10/29/10 11:22	11/01/10 15:03	367-12-4	S4
2,4,6-Tribromophenol (S)	0 %		10-130		20	10/29/10 11:22	11/01/10 15:03	118-79-6	S4

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	630-20-6	W
1,1,1-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	79-34-5	W
1,1,2-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	79-00-5	W
1,1-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-34-3	W
1,1-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-35-4	W
1,1-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	563-58-6	W
1,2,3-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	87-61-6	W
1,2,3-Trichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	96-18-4	W
1,2,4-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	120-82-1	W
1,2,4-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	95-63-6	W
1,2-Dibromo-3-chloropropane	<82.3 ug/kg		250	82.3	1	10/29/10 11:24	10/29/10 17:21	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	106-93-4	W
1,2-Dichlorobenzene	<44.4 ug/kg		60.0	44.4	1	10/29/10 11:24	10/29/10 17:21	95-50-1	W
1,2-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	107-06-2	W
1,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	78-87-5	W
1,3,5-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	108-67-8	W
1,3-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	541-73-1	W
1,3-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	142-28-9	W
1,4-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	106-46-7	W
2,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	594-20-7	W
2-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	95-49-8	W
4-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	106-43-4	W
Benzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	71-43-2	W
Bromobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	108-86-1	W
Bromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	74-97-5	W
Bromodichloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-27-4	W
Bromoform	<25.9 ug/kg		60.0	25.9	1	10/29/10 11:24	10/29/10 17:21	75-25-2	W
Bromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	74-83-9	W
Carbon tetrachloride	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	56-23-5	W
Chlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	108-90-7	W
Chloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-00-3	W
Chloroform	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	67-66-3	W
Chloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	74-87-3	W
Dibromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	124-48-1	W
Dibromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	74-95-3	W
Dichlorodifluoromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-71-8	W
Diisopropyl ether	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	108-20-3	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	100-41-4	W
Hexachloro-1,3-butadiene	<26.4 ug/kg		60.0	26.4	1	10/29/10 11:24	10/29/10 17:21	87-68-3	W



### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-2 Lab ID: 4038806004 Collected: 10/22/10 11:45 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-09-2	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	91-20-3	W
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	75-01-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	10061-01-5	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/10 11:24	10/29/10 17:21	179601-23-1	W
n-Butylbenzene	<40.4	ug/kg	60.0	40.4	1	10/29/10 11:24	10/29/10 17:21	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	103-65-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	95-47-6	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:21	10061-02-6	W
Dibromofluoromethane (S)	138	%	67-143		1	10/29/10 11:24	10/29/10 17:21	1868-53-7	
Toluene-d8 (S)	130	%	67-132		1	10/29/10 11:24	10/29/10 17:21	2037-26-5	
4-Bromofluorobenzene (S)	112	%	55-141		1	10/29/10 11:24	10/29/10 17:21	460-00-4	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	41.4	%	0.10	0.10	1		11/02/10 07:57		

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-3 Lab ID: 4038806005 Collected: 10/22/10 12:00 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b> Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<517	ug/kg	2190	517	20	10/28/10 09:30	11/01/10 12:41	12674-11-2	
PCB-1221 (Aroclor 1221)	<517	ug/kg	2190	517	20	10/28/10 09:30	11/01/10 12:41	11104-28-2	
<del>PCB-1232 (Aroclor 1232)</del>	<del>&lt;517</del>	<del>ug/kg</del>	<del>2190</del>	<del>517</del>	<del>20</del>	<del>10/28/10 09:30</del>	<del>11/01/10 12:41</del>	<del>11141-16-5</del>	
PCB-1242 (Aroclor 1242)	<517	ug/kg	2190	517	20	10/28/10 09:30	11/01/10 12:41	53469-21-9	
PCB-1248 (Aroclor 1248)	<517	ug/kg	2190	517	20	10/28/10 09:30	11/01/10 12:41	12672-29-6	
PCB-1254 (Aroclor 1254)	9110	ug/kg	2190	517	20	10/28/10 09:30	11/01/10 12:41	11097-69-1	
PCB-1260 (Aroclor 1260)	1340J	ug/kg	2190	517	20	10/28/10 09:30	11/01/10 12:41	11096-82-5	M6
PCB, Total	10500	ug/kg	2190	517	20	10/28/10 09:30	11/01/10 12:41	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		20	10/28/10 09:30	11/01/10 12:41	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		20	10/28/10 09:30	11/01/10 12:41	2051-24-3	S4
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	5.6	mg/kg	4.1	0.20	2	10/28/10 11:30	11/02/10 12:43	7440-38-2	
Barium	154	mg/kg	0.51	0.046	1	10/28/10 11:30	11/01/10 19:19	7440-39-3	
Cadmium	8.1	mg/kg	1.0	0.054	2	10/28/10 11:30	11/02/10 12:43	7440-43-9	
Chromium	587	mg/kg	0.51	0.033	1	10/28/10 11:30	11/01/10 19:19	7440-47-3	
Lead	305	mg/kg	2.1	0.20	2	10/28/10 11:30	11/02/10 12:43	7439-92-1	
Selenium	4.3	mg/kg	4.1	0.33	2	10/28/10 11:30	11/02/10 12:43	7782-49-2	
Silver	0.90J	mg/kg	1.0	0.046	1	10/28/10 11:30	11/01/10 19:19	7440-22-4	
<b>7471 Mercury</b> Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.37	mg/kg	0.011	0.0012	1	11/04/10 08:22	11/05/10 08:26	7439-97-6	
<b>8270 MSSV FULL LIST MICROWAVE</b> Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	83-32-9	
Acenaphthylene	<19600	ug/kg	183000	19600	200	10/29/10 11:22	11/01/10 15:33	208-96-8	
Anthracene	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	120-12-7	
Benzo(a)anthracene	<20600	ug/kg	183000	20600	200	10/29/10 11:22	11/01/10 15:33	56-55-3	
Benzo(a)pyrene	<22100	ug/kg	183000	22100	200	10/29/10 11:22	11/01/10 15:33	50-32-8	
Benzo(b)fluoranthene	<21500	ug/kg	183000	21500	200	10/29/10 11:22	11/01/10 15:33	205-99-2	
Benzo(g,h,i)perylene	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	191-24-2	
Benzo(k)fluoranthene	<28800	ug/kg	183000	28800	200	10/29/10 11:22	11/01/10 15:33	207-08-9	
Benzyl alcohol	<22800	ug/kg	365000	22800	200	10/29/10 11:22	11/01/10 15:33	100-51-6	
4-Bromophenylphenyl ether	<19400	ug/kg	183000	19400	200	10/29/10 11:22	11/01/10 15:33	101-55-3	
Butylbenzylphthalate	<41100	ug/kg	183000	41100	200	10/29/10 11:22	11/01/10 15:33	85-68-7	
4-Chloro-3-methylphenol	<18600	ug/kg	183000	18600	200	10/29/10 11:22	11/01/10 15:33	59-50-7	
4-Chloroaniline	<91200	ug/kg	365000	91200	200	10/29/10 11:22	11/01/10 15:33	106-47-8	
bis(2-Chloroethoxy)methane	<22000	ug/kg	183000	22000	200	10/29/10 11:22	11/01/10 15:33	111-91-1	
bis(2-Chloroethyl) ether	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	111-44-4	
2-Chloronaphthalene	<19000	ug/kg	183000	19000	200	10/29/10 11:22	11/01/10 15:33	91-58-7	
2-Chlorophenol	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	95-57-8	
4-Chlorophenylphenyl ether	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	7005-72-3	
Chrysene	<26600	ug/kg	183000	26600	200	10/29/10 11:22	11/01/10 15:33	218-01-9	
Dibenz(a,h)anthracene	<33400	ug/kg	183000	33400	200	10/29/10 11:22	11/01/10 15:33	53-70-3	

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 29 of 67

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### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-3 Lab ID: 4038806005 Collected: 10/22/10 12:00 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
<b>MICROWAVE</b>									
Dibenzofuran	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	132-64-9	
3,3'-Dichlorobenzidine	<13200	ug/kg	183000	13200	200	10/29/10 11:22	11/01/10 15:33	91-94-1	
2,4-Dichlorophenol	<15600	ug/kg	183000	15600	200	10/29/10 11:22	11/01/10 15:33	120-83-2	
Diethylphthalate	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	84-66-2	
2,4-Dimethylphenol	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	105-67-9	
Dimethylphthalate	<19200	ug/kg	183000	19200	200	10/29/10 11:22	11/01/10 15:33	131-11-3	
Di-n-butylphthalate	<30600	ug/kg	183000	30600	200	10/29/10 11:22	11/01/10 15:33	84-74-2	
4,6-Dinitro-2-methylphenol	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	534-52-1	
2,4-Dinitrophenol	<134000	ug/kg	730000	134000	200	10/29/10 11:22	11/01/10 15:33	51-28-5	
2,4-Dinitrotoluene	<14300	ug/kg	183000	14300	200	10/29/10 11:22	11/01/10 15:33	121-14-2	
2,6-Dinitrotoluene	<21100	ug/kg	183000	21100	200	10/29/10 11:22	11/01/10 15:33	606-20-2	
Di-n-octylphthalate	<19900	ug/kg	183000	19900	200	10/29/10 11:22	11/01/10 15:33	117-84-0	
bis(2-Ethylhexyl)phthalate	<37400	ug/kg	183000	37400	200	10/29/10 11:22	11/01/10 15:33	117-81-7	
Fluoranthene	<32300	ug/kg	183000	32300	200	10/29/10 11:22	11/01/10 15:33	206-44-0	
Fluorene	<9180	ug/kg	183000	9180	200	10/29/10 11:22	11/01/10 15:33	86-73-7	
Hexachloro-1,3-butadiene	<23500	ug/kg	183000	23500	200	10/29/10 11:22	11/01/10 15:33	87-68-3	
Hexachlorobenzene	<10700	ug/kg	183000	10700	200	10/29/10 11:22	11/01/10 15:33	118-74-1	
Hexachlorocyclopentadiene	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	77-47-4	
Hexachloroethane	<23100	ug/kg	183000	23100	200	10/29/10 11:22	11/01/10 15:33	67-72-1	
Indeno(1,2,3-cd)pyrene	<24500	ug/kg	183000	24500	200	10/29/10 11:22	11/01/10 15:33	193-39-5	
Isophorone	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	78-59-1	
2-Methylnaphthalene	<20100	ug/kg	183000	20100	200	10/29/10 11:22	11/01/10 15:33	91-57-6	
2-Methylphenol(o-Cresol)	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	<19000	ug/kg	183000	19000	200	10/29/10 11:22	11/01/10 15:33		
Naphthalene	<21400	ug/kg	183000	21400	200	10/29/10 11:22	11/01/10 15:33	91-20-3	
2-Nitroaniline	<13200	ug/kg	183000	13200	200	10/29/10 11:22	11/01/10 15:33	88-74-4	
3-Nitroaniline	<14500	ug/kg	183000	14500	200	10/29/10 11:22	11/01/10 15:33	99-09-2	
4-Nitroaniline	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	100-01-6	
Nitrobenzene	<21000	ug/kg	183000	21000	200	10/29/10 11:22	11/01/10 15:33	98-95-3	
2-Nitrophenol	<21800	ug/kg	183000	21800	200	10/29/10 11:22	11/01/10 15:33	88-75-5	
4-Nitrophenol	<36000	ug/kg	183000	36000	200	10/29/10 11:22	11/01/10 15:33	100-02-7	
N-Nitroso-di-n-propylamine	<21600	ug/kg	183000	21600	200	10/29/10 11:22	11/01/10 15:33	621-64-7	
N-Nitrosodiphenylamine	<25100	ug/kg	183000	25100	200	10/29/10 11:22	11/01/10 15:33	86-30-6	
Pentachlorophenol	<91200	ug/kg	361000	91200	200	10/29/10 11:22	11/01/10 15:33	87-86-5	
Phenanthrene	<91200	ug/kg	183000	91200	200	10/29/10 11:22	11/01/10 15:33	85-01-8	
Phenol	<21700	ug/kg	183000	21700	200	10/29/10 11:22	11/01/10 15:33	108-95-2	D3
Pyrene	<44400	ug/kg	183000	44400	200	10/29/10 11:22	11/01/10 15:33	129-00-0	
1,2,4,5-Tetrachlorobenzene	<57200	ug/kg	183000	57200	200	10/29/10 11:22	11/01/10 15:33	95-94-3	
2,4,5-Trichlorophenol	<12000	ug/kg	183000	12000	200	10/29/10 11:22	11/01/10 15:33	95-95-4	
2,4,6-Trichlorophenol	<20200	ug/kg	183000	20200	200	10/29/10 11:22	11/01/10 15:33	88-06-2	
Nitrobenzene-d5 (S)	0 %		21-130		200	10/29/10 11:22	11/01/10 15:33	4165-60-0	S4
2-Fluorobiphenyl (S)	0 %		40-130		200	10/29/10 11:22	11/01/10 15:33	321-60-8	S4
Terphenyl-d14 (S)	0 %		10-164		200	10/29/10 11:22	11/01/10 15:33	1718-51-0	S4
Phenol-d6 (S)	0 %		31-130		200	10/29/10 11:22	11/01/10 15:33	13127-88-3	S4

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 30 of 67

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### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-3 Lab ID: 4038806005 Collected: 10/22/10 12:00 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST MICROWAVE</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Fluorophenol (S)	0 %		26-130		200	10/29/10 11:22	11/01/10 15:33	367-12-4	S4
2,4,6-Tribromophenol (S)	0 %		10-130		200	10/29/10 11:22	11/01/10 15:33	118-79-6	S4
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	630-20-6	W
1,1,1-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	79-34-5	W
1,1,2-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	79-00-5	W
1,1-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-34-3	W
1,1-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-35-4	W
1,1-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	563-58-6	W
1,2,3-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	87-61-6	W
1,2,3-Trichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	96-18-4	W
1,2,4-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	120-82-1	W
1,2,4-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	95-63-6	W
1,2-Dibromo-3-chloropropane	<82.3 ug/kg		250	82.3	1	10/29/10 11:24	10/29/10 18:52	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	106-93-4	W
1,2-Dichlorobenzene	<44.4 ug/kg		60.0	44.4	1	10/29/10 11:24	10/29/10 18:52	95-50-1	W
1,2-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	107-06-2	W
1,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	78-87-5	W
1,3,5-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	108-67-8	W
1,3-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	541-73-1	W
1,3-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	142-28-9	W
1,4-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	106-46-7	W
2,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	594-20-7	W
2-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	95-49-8	W
4-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	106-43-4	W
Benzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	71-43-2	W
Bromobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	108-86-1	W
Bromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	74-97-5	W
Bromodichloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-27-4	W
Bromoform	<25.9 ug/kg		60.0	25.9	1	10/29/10 11:24	10/29/10 18:52	75-25-2	W
Bromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	74-83-9	W
Carbon tetrachloride	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	56-23-5	W
Chlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	108-90-7	W
Chloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-00-3	W
Chloroform	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	67-66-3	W
Chloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	74-87-3	W
Dibromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	124-48-1	W
Dibromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	74-95-3	W
Dichlorodifluoromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-71-8	W
Diisopropyl ether	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	108-20-3	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	100-41-4	W
Hexachloro-1,3-butadiene	<26.4 ug/kg		60.0	26.4	1	10/29/10 11:24	10/29/10 18:52	87-68-3	W

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-3 Lab ID: 4038806005 Collected: 10/22/10 12:00 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-09-2	W
Naphthalene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	91-20-3	W
Styrene	48.5J	ug/kg	65.7	27.4	1	10/29/10 11:24	10/29/10 18:52	100-42-5	
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	75-01-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	10061-01-5	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/10 11:24	10/29/10 18:52	179601-23-1	W
n-Butylbenzene	<40.4	ug/kg	60.0	40.4	1	10/29/10 11:24	10/29/10 18:52	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	103-65-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	95-47-6	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:52	10061-02-6	W
Dibromofluoromethane (S)	147	%	67-143		1	10/29/10 11:24	10/29/10 18:52	1868-53-7	S3
Toluene-d8 (S)	141	%	67-132		1	10/29/10 11:24	10/29/10 18:52	2037-26-5	S3
4-Bromofluorobenzene (S)	124	%	55-141		1	10/29/10 11:24	10/29/10 18:52	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	8.7	%	0.10	0.10	1		11/02/10 07:58		

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-4 Lab ID: 4038806006 Collected: 10/22/10 12:05 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<26.1	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	12674-11-2	
PCB-1221 (Aroclor 1221)	<26.1	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	11104-28-2	
PCB-1232 (Aroclor 1232)	<26.1	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	11141-16-5	
PCB-1242 (Aroclor 1242)	<26.1	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	53469-21-9	
PCB-1248 (Aroclor 1248)	<26.1	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	12672-29-6	
PCB-1254 (Aroclor 1254)	85.3J	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	11097-69-1	2q
PCB-1260 (Aroclor 1260)	125	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	11096-82-5	2q
PCB, Total	210	ug/kg	110	26.1	1	10/28/10 09:30	10/29/10 23:58	1336-36-3	
Tetrachloro-m-xylene (S)	82 %		46-130		1	10/28/10 09:30	10/29/10 23:58	877-09-8	1q
Decachlorobiphenyl (S)	87 %		50-130		1	10/28/10 09:30	10/29/10 23:58	2051-24-3	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.0	mg/kg	2.0	0.097	1	10/28/10 11:30	11/01/10 19:24	7440-38-2	
Barium	15.9	mg/kg	0.51	0.046	1	10/28/10 11:30	11/01/10 19:24	7440-39-3	
Cadmium	0.41J	mg/kg	0.51	0.027	1	10/28/10 11:30	11/01/10 19:24	7440-43-9	
Chromium	13.6	mg/kg	0.51	0.033	1	10/28/10 11:30	11/01/10 19:24	7440-47-3	
Lead	13.7	mg/kg	1.0	0.099	1	10/28/10 11:30	11/01/10 19:24	7439-92-1	
Selenium	0.25J	mg/kg	2.0	0.17	1	10/28/10 11:30	11/01/10 19:24	7782-49-2	B
Silver	<0.046	mg/kg	1.0	0.046	1	10/28/10 11:30	11/01/10 19:24	7440-22-4	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.023	mg/kg	0.011	0.0012	1	11/04/10 08:22	11/05/10 08:27	7439-97-6	B
<b>8270 MSSV FULL LIST MICROWAVE</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	83-32-9	
Acenaphthylene	<9860	ug/kg	92100	9860	100	10/29/10 11:22	11/01/10 16:04	208-96-8	
Anthracene	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	120-12-7	
Benzo(a)anthracene	<10300	ug/kg	92100	10300	100	10/29/10 11:22	11/01/10 16:04	56-55-3	
Benzo(a)pyrene	<11100	ug/kg	92100	11100	100	10/29/10 11:22	11/01/10 16:04	50-32-8	
Benzo(b)fluoranthene	<10800	ug/kg	92100	10800	100	10/29/10 11:22	11/01/10 16:04	205-99-2	
Benzo(g,h,i)perylene	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	191-24-2	
Benzo(k)fluoranthene	<14500	ug/kg	92100	14500	100	10/29/10 11:22	11/01/10 16:04	207-08-9	
Benzyl alcohol	<11500	ug/kg	184000	11500	100	10/29/10 11:22	11/01/10 16:04	100-51-6	
4-Bromophenylphenyl ether	<9740	ug/kg	92100	9740	100	10/29/10 11:22	11/01/10 16:04	101-55-3	
Butylbenzylphthalate	<20700	ug/kg	92100	20700	100	10/29/10 11:22	11/01/10 16:04	85-68-7	
4-Chloro-3-methylphenol	<9380	ug/kg	92100	9380	100	10/29/10 11:22	11/01/10 16:04	59-50-7	
4-Chloroaniline	<45900	ug/kg	184000	45900	100	10/29/10 11:22	11/01/10 16:04	106-47-8	
bis(2-Chloroethoxy)methane	<11100	ug/kg	92100	11100	100	10/29/10 11:22	11/01/10 16:04	111-91-1	
bis(2-Chloroethyl) ether	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	111-44-4	
2-Chloronaphthalene	<9570	ug/kg	92100	9570	100	10/29/10 11:22	11/01/10 16:04	91-58-7	
2-Chlorophenol	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	95-57-8	
4-Chlorophenylphenyl ether	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	7005-72-3	
Chrysene	<13400	ug/kg	92100	13400	100	10/29/10 11:22	11/01/10 16:04	218-01-9	
Dibenz(a,h)anthracene	<16800	ug/kg	92100	16800	100	10/29/10 11:22	11/01/10 16:04	53-70-3	

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 33 of 67

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### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-4 Lab ID: 4038806006 Collected: 10/22/10 12:05 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>									
<b>MICROWAVE</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Dibenzofuran	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	132-64-9	
3,3'-Dichlorobenzidine	<6660	ug/kg	92100	6660	100	10/29/10 11:22	11/01/10 16:04	91-94-1	
2,4-Dichlorophenol	<7850	ug/kg	92100	7850	100	10/29/10 11:22	11/01/10 16:04	120-83-2	
Diethylphthalate	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	84-66-2	
2,4-Dimethylphenol	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	105-67-9	
Dimethylphthalate	<9650	ug/kg	92100	9650	100	10/29/10 11:22	11/01/10 16:04	131-11-3	
Di-n-butylphthalate	<15400	ug/kg	92100	15400	100	10/29/10 11:22	11/01/10 16:04	84-74-2	
4,6-Dinitro-2-methylphenol	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	534-52-1	
2,4-Dinitrophenol	<67500	ug/kg	368000	67500	100	10/29/10 11:22	11/01/10 16:04	51-28-5	
2,4-Dinitrotoluene	<7220	ug/kg	92100	7220	100	10/29/10 11:22	11/01/10 16:04	121-14-2	
2,6-Dinitrotoluene	<10600	ug/kg	92100	10600	100	10/29/10 11:22	11/01/10 16:04	606-20-2	
Di-n-octylphthalate	<10000	ug/kg	92100	10000	100	10/29/10 11:22	11/01/10 16:04	117-84-0	
bis(2-Ethylhexyl)phthalate	<18800	ug/kg	92100	18800	100	10/29/10 11:22	11/01/10 16:04	117-81-7	
Fluoranthene	<16300	ug/kg	92100	16300	100	10/29/10 11:22	11/01/10 16:04	206-44-0	
Fluorene	<4620	ug/kg	92100	4620	100	10/29/10 11:22	11/01/10 16:04	86-73-7	
Hexachloro-1,3-butadiene	<11800	ug/kg	92100	11800	100	10/29/10 11:22	11/01/10 16:04	87-68-3	
Hexachlorobenzene	<5400	ug/kg	92100	5400	100	10/29/10 11:22	11/01/10 16:04	118-74-1	
Hexachlorocyclopentadiene	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	77-47-4	
Hexachloroethane	<11600	ug/kg	92100	11600	100	10/29/10 11:22	11/01/10 16:04	67-72-1	
Indeno(1,2,3-cd)pyrene	<12300	ug/kg	92100	12300	100	10/29/10 11:22	11/01/10 16:04	193-39-5	
Isophorone	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	78-59-1	
2-Methylnaphthalene	<10100	ug/kg	92100	10100	100	10/29/10 11:22	11/01/10 16:04	91-57-6	
2-Methylphenol(o-Cresol)	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	<9580	ug/kg	92100	9580	100	10/29/10 11:22	11/01/10 16:04		
Naphthalene	<10800	ug/kg	92100	10800	100	10/29/10 11:22	11/01/10 16:04	91-20-3	
2-Nitroaniline	<6660	ug/kg	92100	6660	100	10/29/10 11:22	11/01/10 16:04	88-74-4	
3-Nitroaniline	<7280	ug/kg	92100	7280	100	10/29/10 11:22	11/01/10 16:04	99-09-2	
4-Nitroaniline	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	100-01-6	
Nitrobenzene	<10600	ug/kg	92100	10600	100	10/29/10 11:22	11/01/10 16:04	98-95-3	
2-Nitrophenol	<11000	ug/kg	92100	11000	100	10/29/10 11:22	11/01/10 16:04	88-75-5	
4-Nitrophenol	<18100	ug/kg	92100	18100	100	10/29/10 11:22	11/01/10 16:04	100-02-7	
N-Nitroso-di-n-propylamine	<10900	ug/kg	92100	10900	100	10/29/10 11:22	11/01/10 16:04	621-64-7	
N-Nitrosodiphenylamine	<12600	ug/kg	92100	12600	100	10/29/10 11:22	11/01/10 16:04	86-30-6	
Pentachlorophenol	<45900	ug/kg	182000	45900	100	10/29/10 11:22	11/01/10 16:04	87-86-5	
Phenanthrene	<45900	ug/kg	92100	45900	100	10/29/10 11:22	11/01/10 16:04	85-01-8	
Phenol	<10900	ug/kg	92100	10900	100	10/29/10 11:22	11/01/10 16:04	108-95-2	D3
Pyrene	<22400	ug/kg	92100	22400	100	10/29/10 11:22	11/01/10 16:04	129-00-0	
1,2,4,5-Tetrachlorobenzene	<28800	ug/kg	92100	28800	100	10/29/10 11:22	11/01/10 16:04	95-94-3	
2,4,5-Trichlorophenol	<6050	ug/kg	92100	6050	100	10/29/10 11:22	11/01/10 16:04	95-95-4	
2,4,6-Trichlorophenol	<10200	ug/kg	92100	10200	100	10/29/10 11:22	11/01/10 16:04	88-06-2	
Nitrobenzene-d5 (S)	0 %		21-130		100	10/29/10 11:22	11/01/10 16:04	4165-60-0	S4
2-Fluorobiphenyl (S)	0 %		40-130		100	10/29/10 11:22	11/01/10 16:04	321-60-8	S4
Terphenyl-d14 (S)	0 %		10-164		100	10/29/10 11:22	11/01/10 16:04	1718-51-0	S4
Phenol-d6 (S)	0 %		31-130		100	10/29/10 11:22	11/01/10 16:04	13127-88-3	S4

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-4 Lab ID: 4038806006 Collected: 10/22/10 12:05 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST MICROWAVE</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2-Fluorophenol (S)	0 %		26-130		100	10/29/10 11:22	11/01/10 16:04	367-12-4	S4
2,4,6-Tribromophenol (S)	0 %		10-130		100	10/29/10 11:22	11/01/10 16:04	118-79-6	S4
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,1,1,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	630-20-6	W
1,1,1-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	79-34-5	W
1,1,2-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	79-00-5	W
1,1-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-34-3	W
1,1-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-35-4	W
1,1-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	563-58-6	W
1,2,3-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	87-61-6	W
1,2,3-Trichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	96-18-4	W
1,2,4-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	120-82-1	W
1,2,4-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	95-63-6	W
1,2-Dibromo-3-chloropropane	<82.3 ug/kg		250	82.3	1	10/29/10 11:24	10/29/10 17:43	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	106-93-4	W
1,2-Dichlorobenzene	<44.4 ug/kg		60.0	44.4	1	10/29/10 11:24	10/29/10 17:43	95-50-1	W
1,2-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	107-06-2	W
1,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	78-87-5	W
1,3,5-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	108-67-8	W
1,3-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	541-73-1	W
1,3-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	142-28-9	W
1,4-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	106-46-7	W
2,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	594-20-7	W
2-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	95-49-8	W
4-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	106-43-4	W
Benzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	71-43-2	W
Bromobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	108-86-1	W
Bromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	74-97-5	W
Bromodichloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-27-4	W
Bromoform	<25.9 ug/kg		60.0	25.9	1	10/29/10 11:24	10/29/10 17:43	75-25-2	W
Bromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	74-83-9	W
Carbon tetrachloride	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	56-23-5	W
Chlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	108-90-7	W
Chloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-00-3	W
Chloroform	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	67-66-3	W
Chloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	74-87-3	W
Dibromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	124-48-1	W
Dibromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	74-95-3	W
Dichlorodifluoromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-71-8	W
Diisopropyl ether	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	108-20-3	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	100-41-4	W
Hexachloro-1,3-butadiene	<26.4 ug/kg		60.0	26.4	1	10/29/10 11:24	10/29/10 17:43	87-68-3	W

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: SS-4 Lab ID: 4038806006 Collected: 10/22/10 12:05 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-09-2	W
Naphthalene	28.1J	ug/kg	66.2	27.6	1	10/29/10 11:24	10/29/10 17:43	91-20-3	
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	75-01-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	10061-01-5	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/10 11:24	10/29/10 17:43	179601-23-1	W
n-Butylbenzene	<40.4	ug/kg	60.0	40.4	1	10/29/10 11:24	10/29/10 17:43	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	103-65-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	95-47-6	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 17:43	10061-02-6	W
Dibromofluoromethane (S)	114	%	67-143		1	10/29/10 11:24	10/29/10 17:43	1868-53-7	
Toluene-d8 (S)	106	%	67-132		1	10/29/10 11:24	10/29/10 17:43	2037-26-5	
4-Bromofluorobenzene (S)	91	%	55-141		1	10/29/10 11:24	10/29/10 17:43	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	9.3	%	0.10	0.10	1		11/02/10 07:58		



### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: D-1 Lab ID: 4038806007 Collected: 10/22/10 12:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<27.3	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	12674-11-2	
PCB-1221 (Aroclor 1221)	<27.3	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	11104-28-2	
PCB-1232 (Aroclor 1232)	<27.3	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	11141-16-5	
PCB-1242 (Aroclor 1242)	68.0J	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	53469-21-9	
PCB-1248 (Aroclor 1248)	<27.3	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	12672-29-6	
PCB-1254 (Aroclor 1254)	64.7J	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	11097-69-1	
PCB-1260 (Aroclor 1260)	<27.3	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	11096-82-5	
PCB, Total	133	ug/kg	116	27.3	1	10/28/10 09:30	10/30/10 00:16	1336-36-3	
Tetrachloro-m-xylene (S)	81	%	46-130		1	10/28/10 09:30	10/30/10 00:16	877-09-8	
Decachlorobiphenyl (S)	83	%	50-130		1	10/28/10 09:30	10/30/10 00:16	2051-24-3	
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	4.0	mg/kg	2.3	0.11	1	10/28/10 11:30	11/01/10 19:36	7440-38-2	
Barium	47.3	mg/kg	0.58	0.052	1	10/28/10 11:30	11/01/10 19:36	7440-39-3	
Cadmium	0.81	mg/kg	0.58	0.030	1	10/28/10 11:30	11/01/10 19:36	7440-43-9	
Chromium	22.8	mg/kg	0.58	0.037	1	10/28/10 11:30	11/01/10 19:36	7440-47-3	
Lead	39.0	mg/kg	1.2	0.11	1	10/28/10 11:30	11/01/10 19:36	7439-92-1	
Selenium	0.59J	mg/kg	2.3	0.19	1	10/28/10 11:30	11/01/10 19:36	7782-49-2	B
Silver	<0.052	mg/kg	1.2	0.052	1	10/28/10 11:30	11/01/10 19:36	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Mercury	0.024	mg/kg	0.012	0.0012	1	11/04/10 08:22	11/05/10 08:29	7439-97-6	B
<b>8270 MSSV FULL LIST MICROWAVE</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	83-32-9	
Acenaphthylene	<413	ug/kg	3860	413	20	10/29/10 11:22	11/01/10 16:37	208-96-8	
Anthracene	3850J	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	120-12-7	
Benzo(a)anthracene	11600	ug/kg	3860	434	20	10/29/10 11:22	11/01/10 16:37	56-55-3	
Benzo(a)pyrene	12200	ug/kg	3860	467	20	10/29/10 11:22	11/01/10 16:37	50-32-8	
Benzo(b)fluoranthene	8340	ug/kg	3860	455	20	10/29/10 11:22	11/01/10 16:37	205-99-2	
Benzo(g,h,i)perylene	8330	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	191-24-2	
Benzo(k)fluoranthene	11000	ug/kg	3860	608	20	10/29/10 11:22	11/01/10 16:37	207-08-9	
Benzyl alcohol	<480	ug/kg	7700	480	20	10/29/10 11:22	11/01/10 16:37	100-51-6	
4-Bromophenylphenyl ether	<408	ug/kg	3860	408	20	10/29/10 11:22	11/01/10 16:37	101-55-3	
Butylbenzylphthalate	<868	ug/kg	3860	868	20	10/29/10 11:22	11/01/10 16:37	85-68-7	
4-Chloro-3-methylphenol	<393	ug/kg	3860	393	20	10/29/10 11:22	11/01/10 16:37	59-50-7	
4-Chloroaniline	<1930	ug/kg	7700	1930	20	10/29/10 11:22	11/01/10 16:37	106-47-8	
bis(2-Chloroethoxy)methane	<465	ug/kg	3860	465	20	10/29/10 11:22	11/01/10 16:37	111-91-1	
bis(2-Chloroethyl) ether	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	111-44-4	
2-Chloronaphthalene	<401	ug/kg	3860	401	20	10/29/10 11:22	11/01/10 16:37	91-58-7	
2-Chlorophenol	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	95-57-8	
4-Chlorophenylphenyl ether	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	7005-72-3	
Chrysene	12700	ug/kg	3860	562	20	10/29/10 11:22	11/01/10 16:37	218-01-9	
Dibenz(a,h)anthracene	1210J	ug/kg	3860	706	20	10/29/10 11:22	11/01/10 16:37	53-70-3	

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 37 of 67

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### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: D-1 Lab ID: 4038806007 Collected: 10/22/10 12:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>									
<b>MICROWAVE</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Dibenzofuran	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	132-64-9	
3,3'-Dichlorobenzidine	<279	ug/kg	3860	279	20	10/29/10 11:22	11/01/10 16:37	91-94-1	
2,4-Dichlorophenol	<329	ug/kg	3860	329	20	10/29/10 11:22	11/01/10 16:37	120-83-2	
Diethylphthalate	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	84-66-2	
2,4-Dimethylphenol	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	105-67-9	
Dimethylphthalate	<405	ug/kg	3860	405	20	10/29/10 11:22	11/01/10 16:37	131-11-3	
Di-n-butylphthalate	<645	ug/kg	3860	645	20	10/29/10 11:22	11/01/10 16:37	84-74-2	
4,6-Dinitro-2-methylphenol	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	534-52-1	
2,4-Dinitrophenol	<2830	ug/kg	15400	2830	20	10/29/10 11:22	11/01/10 16:37	51-28-5	
2,4-Dinitrotoluene	<303	ug/kg	3860	303	20	10/29/10 11:22	11/01/10 16:37	121-14-2	
2,6-Dinitrotoluene	<445	ug/kg	3860	445	20	10/29/10 11:22	11/01/10 16:37	606-20-2	
Di-n-octylphthalate	<421	ug/kg	3860	421	20	10/29/10 11:22	11/01/10 16:37	117-84-0	
bis(2-Ethylhexyl)phthalate	<789	ug/kg	3860	789	20	10/29/10 11:22	11/01/10 16:37	117-81-7	
Fluoranthene	19000	ug/kg	3860	682	20	10/29/10 11:22	11/01/10 16:37	206-44-0	
Fluorene	987J	ug/kg	3860	194	20	10/29/10 11:22	11/01/10 16:37	86-73-7	
Hexachloro-1,3-butadiene	<496	ug/kg	3860	496	20	10/29/10 11:22	11/01/10 16:37	87-68-3	
Hexachlorobenzene	<227	ug/kg	3860	227	20	10/29/10 11:22	11/01/10 16:37	118-74-1	
Hexachlorocyclopentadiene	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	77-47-4	
Hexachloroethane	<488	ug/kg	3860	488	20	10/29/10 11:22	11/01/10 16:37	67-72-1	
Indeno(1,2,3-cd)pyrene	8060	ug/kg	3860	517	20	10/29/10 11:22	11/01/10 16:37	193-39-5	
Isophorone	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	78-59-1	
2-Methylnaphthalene	<425	ug/kg	3860	425	20	10/29/10 11:22	11/01/10 16:37	91-57-6	
2-Methylphenol(o-Cresol)	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	<402	ug/kg	3860	402	20	10/29/10 11:22	11/01/10 16:37		
Naphthalene	840J	ug/kg	3860	451	20	10/29/10 11:22	11/01/10 16:37	91-20-3	
2-Nitroaniline	<279	ug/kg	3860	279	20	10/29/10 11:22	11/01/10 16:37	88-74-4	
3-Nitroaniline	<305	ug/kg	3860	305	20	10/29/10 11:22	11/01/10 16:37	99-09-2	
4-Nitroaniline	<1930	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	100-01-6	
Nitrobenzene	<443	ug/kg	3860	443	20	10/29/10 11:22	11/01/10 16:37	98-95-3	
2-Nitrophenol	<461	ug/kg	3860	461	20	10/29/10 11:22	11/01/10 16:37	88-75-5	
4-Nitrophenol	<760	ug/kg	3860	760	20	10/29/10 11:22	11/01/10 16:37	100-02-7	
N-Nitroso-di-n-propylamine	<457	ug/kg	3860	457	20	10/29/10 11:22	11/01/10 16:37	621-64-7	
N-Nitrosodiphenylamine	<529	ug/kg	3860	529	20	10/29/10 11:22	11/01/10 16:37	86-30-6	
Pentachlorophenol	<1930	ug/kg	7630	1930	20	10/29/10 11:22	11/01/10 16:37	87-86-5	
Phenanthrene	10700	ug/kg	3860	1930	20	10/29/10 11:22	11/01/10 16:37	85-01-8	
Phenol	<458	ug/kg	3860	458	20	10/29/10 11:22	11/01/10 16:37	108-95-2	
Pyrene	16300	ug/kg	3860	938	20	10/29/10 11:22	11/01/10 16:37	129-00-0	
1,2,4,5-Tetrachlorobenzene	<1210	ug/kg	3860	1210	20	10/29/10 11:22	11/01/10 16:37	95-94-3	
2,4,5-Trichlorophenol	<254	ug/kg	3860	254	20	10/29/10 11:22	11/01/10 16:37	95-95-4	
2,4,6-Trichlorophenol	<426	ug/kg	3860	426	20	10/29/10 11:22	11/01/10 16:37	88-06-2	
Nitrobenzene-d5 (S)	0 %		21-130		20	10/29/10 11:22	11/01/10 16:37	4165-60-0	S4
2-Fluorobiphenyl (S)	0 %		40-130		20	10/29/10 11:22	11/01/10 16:37	321-60-8	S4
Terphenyl-d14 (S)	0 %		10-164		20	10/29/10 11:22	11/01/10 16:37	1718-51-0	S4
Phenol-d6 (S)	0 %		31-130		20	10/29/10 11:22	11/01/10 16:37	13127-88-3	S4

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 38 of 67

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### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: D-1 Lab ID: 4038806007 Collected: 10/22/10 12:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV FULL LIST</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
<b>MICROWAVE</b>									
2-Fluorophenol (S)	0 %		26-130		20	10/29/10 11:22	11/01/10 16:37	367-12-4	S4
2,4,6-Tribromophenol (S)	0 %		10-130		20	10/29/10 11:22	11/01/10 16:37	118-79-6	S4

<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	630-20-6	W
1,1,1-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	71-55-6	W
1,1,2,2-Tetrachloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	79-34-5	W
1,1,2-Trichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	79-00-5	W
1,1-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-34-3	W
1,1-Dichloroethene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-35-4	W
1,1-Dichloropropene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	563-58-6	W
1,2,3-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	87-61-6	W
1,2,3-Trichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	96-18-4	W
1,2,4-Trichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	120-82-1	W
1,2,4-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	95-63-6	W
1,2-Dibromo-3-chloropropane	<82.3 ug/kg		250	82.3	1	10/29/10 11:24	10/29/10 18:06	96-12-8	W
1,2-Dibromoethane (EDB)	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	106-93-4	W
1,2-Dichlorobenzene	<44.4 ug/kg		60.0	44.4	1	10/29/10 11:24	10/29/10 18:06	95-50-1	W
1,2-Dichloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	107-06-2	W
1,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	78-87-5	W
1,3,5-Trimethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	108-67-8	W
1,3-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	541-73-1	W
1,3-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	142-28-9	W
1,4-Dichlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	106-46-7	W
2,2-Dichloropropane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	594-20-7	W
2-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	95-49-8	W
4-Chlorotoluene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	106-43-4	W
Benzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	71-43-2	W
Bromobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	108-86-1	W
Bromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	74-97-5	W
Bromodichloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-27-4	W
Bromoform	<25.9 ug/kg		60.0	25.9	1	10/29/10 11:24	10/29/10 18:06	75-25-2	W
Bromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	74-83-9	W
Carbon tetrachloride	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	56-23-5	W
Chlorobenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	108-90-7	W
Chloroethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-00-3	W
Chloroform	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	67-66-3	W
Chloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	74-87-3	W
Dibromochloromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	124-48-1	W
Dibromomethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	74-95-3	W
Dichlorodifluoromethane	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-71-8	W
Diisopropyl ether	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	108-20-3	W
Ethylbenzene	<25.0 ug/kg		60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	100-41-4	W
Hexachloro-1,3-butadiene	<26.4 ug/kg		60.0	26.4	1	10/29/10 11:24	10/29/10 18:06	87-68-3	W



### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: D-1 Lab ID: 4038806007 Collected: 10/22/10 12:30 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	98-82-8	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-09-2	W
Naphthalene	232	ug/kg	69.3	28.9	1	10/29/10 11:24	10/29/10 18:06	91-20-3	
Styrene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	75-01-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	10061-01-5	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	10/29/10 11:24	10/29/10 18:06	179601-23-1	W
n-Butylbenzene	<40.4	ug/kg	60.0	40.4	1	10/29/10 11:24	10/29/10 18:06	104-51-8	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	103-65-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	95-47-6	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	99-87-6	W
sec-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	10/29/10 11:24	10/29/10 18:06	10061-02-6	W
Dibromofluoromethane (S)	118	%	67-143		1	10/29/10 11:24	10/29/10 18:06	1868-53-7	
Toluene-d8 (S)	120	%	67-132		1	10/29/10 11:24	10/29/10 18:06	2037-26-5	
4-Bromofluorobenzene (S)	103	%	55-141		1	10/29/10 11:24	10/29/10 18:06	460-00-4	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	13.5	%	0.10	0.10	1		11/02/10 07:58		

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: WP-01 Lab ID: 4038806008 Collected: 10/22/10 12:35 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	<0.38	mg/kg	8.0	0.38	2	10/28/10 11:30	11/02/10 12:48	7440-38-2	D3
Barium	7.3	mg/kg	2.0	0.18	2	10/28/10 11:30	11/02/10 12:48	7440-39-3	
Cadmium	16.0	mg/kg	2.0	0.10	2	10/28/10 11:30	11/02/10 12:48	7440-43-9	
Chromium	<del>23.3</del>	<del>mg/kg</del>	<del>2.0</del>	<del>0.13</del>	<del>2</del>	<del>10/28/10 11:30</del>	<del>11/02/10 12:48</del>	<del>7440-47-3</del>	
Lead	2180	mg/kg	4.0	0.38	2	10/28/10 11:30	11/02/10 12:48	7439-92-1	
Selenium	3.1J	mg/kg	8.0	0.64	2	10/28/10 11:30	11/02/10 12:48	7782-49-2	B,D3
Silver	8.3	mg/kg	4.0	0.18	2	10/28/10 11:30	11/02/10 12:48	7440-22-4	
<b>6010 MET ICP, TCLP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
		Leachate Method/Date: EPA 1311; 11/08/10 00:00							
Lead	9.0	mg/L	0.038	0.019	1	11/09/10 14:20	11/10/10 11:16	7439-92-1	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	0.074	mg/kg	0.020	0.0021	1	11/04/10 08:22	11/05/10 08:30	7439-97-6	B
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	50.6	%	0.10	0.10	1		11/02/10 07:58		

**ANALYTICAL RESULTS**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: FURNACE-3 Lab ID: 4038806009 Collected: 10/22/10 11:10 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP, TCLP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 10/28/10 00:00								
Lead	<0.019	mg/L	0.038	0.019	1	11/01/10 07:15	11/01/10 20:40	7439-92-1	



### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C1-0-1 Lab ID: 4038806010 Collected: 10/25/10 10:45 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<719	ug/kg	3040	719	30	10/28/10 09:30	10/30/10 00:33	12674-11-2	
PCB-1221 (Aroclor 1221)	<719	ug/kg	3040	719	30	10/28/10 09:30	10/30/10 00:33	11104-28-2	
PCB-1232 (Aroclor 1232)	<719	ug/kg	3040	719	30	10/28/10 09:30	10/30/10 00:33	11141-16-5	
<del>PCB-1242 (Aroclor 1242)</del>	<del>&lt;719</del>	<del>ug/kg</del>	<del>3040</del>	<del>719</del>	<del>30</del>	<del>10/28/10 09:30</del>	<del>10/30/10 00:33</del>	<del>53469-21-9</del>	
PCB-1248 (Aroclor 1248)	5940	ug/kg	3040	719	30	10/28/10 09:30	10/30/10 00:33	12672-29-6	
PCB-1254 (Aroclor 1254)	11100	ug/kg	3040	719	30	10/28/10 09:30	10/30/10 00:33	11097-69-1	
PCB-1260 (Aroclor 1260)	<719	ug/kg	3040	719	30	10/28/10 09:30	10/30/10 00:33	11096-82-5	
PCB, Total	17100	ug/kg	3040	719	30	10/28/10 09:30	10/30/10 00:33	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		30	10/28/10 09:30	10/30/10 00:33	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		30	10/28/10 09:30	10/30/10 00:33	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	1.4 %		0.10	0.10	1		11/02/10 07:57		

**ANALYTICAL RESULTS**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C1-1-2 Lab ID: 4038806011 Collected: 10/25/10 10:40 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	12674-11-2	
PCB-1221 (Aroclor 1221)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	11104-28-2	
PCB-1232 (Aroclor 1232)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	11141-16-5	
PCB-1242 (Aroclor 1242)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	53469-21-9	
PCB-1248 (Aroclor 1248)	10400	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	12672-29-6	
PCB-1254 (Aroclor 1254)	18900	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	11097-69-1	
PCB-1260 (Aroclor 1260)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	11096-82-5	
PCB, Total	29300	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 00:50	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		50	10/28/10 09:30	10/30/10 00:50	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		50	10/28/10 09:30	10/30/10 00:50	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	2.6 %		0.10	0.10	1		11/02/10 07:57		

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C2-0-1 Lab ID: 4038806012 Collected: 10/25/10 10:50 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
PCB-1016 (Aroclor 1016)	<483	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	12674-11-2	
PCB-1221 (Aroclor 1221)	<483	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	11104-28-2	
PCB-1232 (Aroclor 1232)	<483	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	11141-16-5	
PCB-1242 (Aroclor 1242)	<483	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	53469-21-9	
PCB-1248 (Aroclor 1248)	5110	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	12672-29-6	
PCB-1254 (Aroclor 1254)	6900	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	11097-69-1	
PCB-1260 (Aroclor 1260)	<483	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	11096-82-5	
PCB, Total	12000	ug/kg	2040	483	20	10/28/10 09:30	10/30/10 01:08	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		20	10/28/10 09:30	10/30/10 01:08	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		20	10/28/10 09:30	10/30/10 01:08	2051-24-3	S4
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	2.2 %		0.10	0.10	1		11/02/10 07:57		



**ANALYTICAL RESULTS**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C2-1-2 Lab ID: 4038806013 Collected: 10/25/10 11:00 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<728	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	12674-11-2	
PCB-1221 (Aroclor 1221)	<728	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	11104-28-2	
PCB-1232 (Aroclor 1232)	<728	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	11141-16-5	
PCB-1242 (Aroclor 1242)	<728	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	53469-21-9	
PCB-1248 (Aroclor 1248)	7830	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	12672-29-6	
PCB-1254 (Aroclor 1254)	8750	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	11097-69-1	
PCB-1260 (Aroclor 1260)	<728	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	11096-82-5	
PCB, Total	16600	ug/kg	3080	728	30	10/28/10 09:30	10/30/10 01:25	1336-36-3	
Tetrachloro-m-xylene (S)	0	%	46-130		30	10/28/10 09:30	10/30/10 01:25	877-09-8	S4
Decachlorobiphenyl (S)	0	%	50-130		30	10/28/10 09:30	10/30/10 01:25	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	2.6	%	0.10	0.10	1		11/02/10 07:57		

**ANALYTICAL RESULTS**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C3-0-1 Lab ID: 4038806014 Collected: 10/25/10 12:25 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<734	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	12674-11-2	
PCB-1221 (Aroclor 1221)	<734	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	11104-28-2	
PCB-1232 (Aroclor 1232)	<734	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	11141-16-5	
PCB-1242 (Aroclor 1242)	<734	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	53469-21-9	
PCB-1248 (Aroclor 1248)	7040	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	12672-29-6	
PCB-1254 (Aroclor 1254)	8350	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	11097-69-1	
PCB-1260 (Aroclor 1260)	<734	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	11096-82-5	
PCB, Total	15400	ug/kg	3110	734	30	10/28/10 09:30	10/30/10 01:42	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		30	10/28/10 09:30	10/30/10 01:42	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		30	10/28/10 09:30	10/30/10 01:42	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	3.5 %		0.10	0.10	1		11/02/10 07:57		

## ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

**Sample:** C3-1-2      **Lab ID:** 4038806015      **Collected:** 10/25/10 12:30      **Received:** 10/27/10 09:55      **Matrix:** Solid

**Results reported on a "dry-weight" basis**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082    Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<125	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	12674-11-2	
PCB-1221 (Aroclor 1221)	<125	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	11104-28-2	
PCB-1232 (Aroclor 1232)	<125	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	11141-16-5	
PCB-1242 (Aroclor 1242)	<125	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	53469-21-9	
PCB-1248 (Aroclor 1248)	2350	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	12672-29-6	
PCB-1254 (Aroclor 1254)	2970	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	11097-69-1	
PCB-1260 (Aroclor 1260)	<125	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	11096-82-5	
PCB, Total	5330	ug/kg	530	125	5	10/28/10 09:30	10/30/10 02:00	1336-36-3	
Tetrachloro-m-xylene (S)	93	%	46-130		5	10/28/10 09:30	10/30/10 02:00	877-09-8	
Decachlorobiphenyl (S)	92	%	50-130		5	10/28/10 09:30	10/30/10 02:00	2051-24-3	
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	5.6	%	0.10	0.10	1		11/02/10 07:57		



**ANALYTICAL RESULTS**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C4-0-1 Lab ID: 4038806016 Collected: 10/25/10 12:45 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	12674-11-2	
PCB-1221 (Aroclor 1221)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	11104-28-2	
PCB-1232 (Aroclor 1232)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	11141-16-5	
PCB-1242 (Aroclor 1242)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	53469-21-9	
PCB-1248 (Aroclor 1248)	13600	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	12672-29-6	
PCB-1254 (Aroclor 1254)	17300	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	11097-69-1	
PCB-1260 (Aroclor 1260)	<1210	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	11096-82-5	
PCB, Total	30900	ug/kg	5130	1210	50	10/28/10 09:30	10/30/10 02:17	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		50	10/28/10 09:30	10/30/10 02:17	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		50	10/28/10 09:30	10/30/10 02:17	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	2.4 %		0.10	0.10	1		11/02/10 07:57		

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C4-1-2 Lab ID: 4038806017 Collected: 10/25/10 12:50 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	12674-11-2	
PCB-1221 (Aroclor 1221)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	11104-28-2	
PCB-1232 (Aroclor 1232)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	11141-16-5	
PCB-1242 (Aroclor 1242)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	53469-21-9	
PCB-1248 (Aroclor 1248)	21900	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	12672-29-6	
PCB-1254 (Aroclor 1254)	23500	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	11097-69-1	
PCB-1260 (Aroclor 1260)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	11096-82-5	
PCB, Total	45400	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 02:34	1336-36-3	
Tetrachloro-m-xylene (S)	0	%	46-130		100	10/28/10 09:30	10/30/10 02:34	877-09-8	S4
Decachlorobiphenyl (S)	0	%	50-130		100	10/28/10 09:30	10/30/10 02:34	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	3.7	%	0.10	0.10	1		11/02/10 07:57		

### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C5-0-1 Lab ID: 4038806018 Collected: 10/25/10 13:00 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<1200	ug/kg	5080	1200	50	10/28/10 09:30	10/30/10 02:51	12674-11-2	
PCB-1221 (Aroclor 1221)	<1200	ug/kg	5080	1200	50	10/28/10 09:30	10/30/10 02:51	11104-28-2	
PCB-1232 (Aroclor 1232)	<1200	ug/kg	5080	1200	50	10/28/10 09:30	10/30/10 02:51	11141-16-5	
<del>PCB-1242 (Aroclor 1242)</del>	<del>&lt;1200</del>	<del>ug/kg</del>	<del>5080</del>	<del>1200</del>	<del>50</del>	<del>10/28/10 09:30</del>	<del>10/30/10 02:51</del>	<del>53469-21-9</del>	
PCB-1248 (Aroclor 1248)	11600	ug/kg	5080	1200	50	10/28/10 09:30	10/30/10 02:51	12672-29-6	
PCB-1254 (Aroclor 1254)	12400	ug/kg	5080	1200	50	10/28/10 09:30	10/30/10 02:51	11097-69-1	
PCB-1260 (Aroclor 1260)	<1200	ug/kg	5080	1200	50	10/28/10 09:30	10/30/10 02:51	11096-82-5	
PCB, Total	24000	ug/kg	5080	1200	50	10/28/10 09:30	10/30/10 02:51	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		50	10/28/10 09:30	10/30/10 02:51	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		50	10/28/10 09:30	10/30/10 02:51	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	1.6 %		0.10	0.10	1		11/02/10 07:57		



### ANALYTICAL RESULTS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Sample: C5-1-2 Lab ID: 4038806019 Collected: 10/25/10 13:05 Received: 10/27/10 09:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8082 GCS PCB</b>		Analytical Method: EPA 8082 Preparation Method: EPA 3541							
PCB-1016 (Aroclor 1016)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	12674-11-2	
PCB-1221 (Aroclor 1221)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	11104-28-2	
PCB-1232 (Aroclor 1232)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	11141-16-5	
PCB-1242 (Aroclor 1242)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	53469-21-9	
PCB-1248 (Aroclor 1248)	26200	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	12672-29-6	
PCB-1254 (Aroclor 1254)	27200	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	11097-69-1	
PCB-1260 (Aroclor 1260)	<2450	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	11096-82-5	
PCB, Total	53400	ug/kg	10400	2450	100	10/28/10 09:30	10/30/10 03:09	1336-36-3	
Tetrachloro-m-xylene (S)	0 %		46-130		100	10/28/10 09:30	10/30/10 03:09	877-09-8	S4
Decachlorobiphenyl (S)	0 %		50-130		100	10/28/10 09:30	10/30/10 03:09	2051-24-3	S4
<b>Percent Moisture</b>		Analytical Method: ASTM D2974-87							
Percent Moisture	3.5 %		0.10	0.10	1		11/02/10 07:57		

### QUALITY CONTROL DATA

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

QC Batch: OEXT/9643 Analysis Method: EPA 8082  
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007, 4038806010, 4038806011, 4038806012, 4038806013, 4038806014, 4038806015, 4038806016, 4038806017, 4038806018, 4038806019

METHOD BLANK: 376511 Matrix: Solid  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007, 4038806010, 4038806011, 4038806012, 4038806013, 4038806014, 4038806015, 4038806016, 4038806017, 4038806018, 4038806019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<23.6	100	11/01/10 10:57	
PCB-1221 (Aroclor 1221)	ug/kg	<23.6	100	11/01/10 10:57	
PCB-1232 (Aroclor 1232)	ug/kg	<23.6	100	11/01/10 10:57	
PCB-1242 (Aroclor 1242)	ug/kg	<23.6	100	11/01/10 10:57	
PCB-1248 (Aroclor 1248)	ug/kg	<23.6	100	11/01/10 10:57	
PCB-1254 (Aroclor 1254)	ug/kg	<23.6	100	11/01/10 10:57	
PCB-1260 (Aroclor 1260)	ug/kg	<23.6	100	11/01/10 10:57	
Decachlorobiphenyl (S)	%	82	50-130	11/01/10 10:57	
Tetrachloro-m-xylene (S)	%	84	46-130	11/01/10 10:57	

LABORATORY CONTROL SAMPLE: 376512

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<23.6			
PCB-1221 (Aroclor 1221)	ug/kg		<23.6			
PCB-1232 (Aroclor 1232)	ug/kg		<23.6			
PCB-1242 (Aroclor 1242)	ug/kg		<23.6			
PCB-1248 (Aroclor 1248)	ug/kg		<23.6			
PCB-1254 (Aroclor 1254)	ug/kg		<23.6			
PCB-1260 (Aroclor 1260)	ug/kg	500	412	82	60-130	
Decachlorobiphenyl (S)	%			85	50-130	
Tetrachloro-m-xylene (S)	%			84	46-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 376513 376514

Parameter	Units	4038806005		376514		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
PCB-1016 (Aroclor 1016)	ug/kg	<517			<517	<517					20
PCB-1221 (Aroclor 1221)	ug/kg	<517			<517	<517					20
PCB-1232 (Aroclor 1232)	ug/kg	<517			<517	<517					20
PCB-1242 (Aroclor 1242)	ug/kg	<517			<517	<517					20
PCB-1248 (Aroclor 1248)	ug/kg	<517			<517	<517					20
PCB-1254 (Aroclor 1254)	ug/kg	9110			4320	4570			6		20
PCB-1260 (Aroclor 1260)	ug/kg	1340J	547	547	1100J	1230J	-44	-21	46-130		20 M6
Decachlorobiphenyl (S)	%						0	0	50-130		S4
Tetrachloro-m-xylene (S)	%						0	0	46-130		S4

**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

QC Batch: MPRP/4711 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007, 4038806008

METHOD BLANK: 376772 Matrix: Solid  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007, 4038806008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<0.096	2.0	11/01/10 15:01	
Barium	mg/kg	<0.045	0.50	11/01/10 15:01	
Cadmium	mg/kg	<0.026	0.50	11/01/10 15:01	
Chromium	mg/kg	<0.032	0.50	11/01/10 15:01	
Lead	mg/kg	<0.097	1.0	11/01/10 15:01	
Selenium	mg/kg	0.33J	2.0	11/01/10 15:01	
Silver	mg/kg	<0.045	1.0	11/01/10 15:01	

LABORATORY CONTROL SAMPLE: 376773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	50.4	101	80-120	
Barium	mg/kg	50	54.0	108	80-120	
Cadmium	mg/kg	50	50.6	101	80-120	
Chromium	mg/kg	50	52.3	105	80-120	
Lead	mg/kg	50	50.6	101	80-120	
Selenium	mg/kg	50	49.2	98	80-120	
Silver	mg/kg	25	21.5	86	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 376774 376775

Parameter	Units	4038834003		MSD		MS		MSD		% Rec Limits	Max		Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec	RPD		RPD		
Arsenic	mg/kg	5.6	58.7	58.2	66.3	59.3	103	92	75-125	11	20		
Barium	mg/kg	89.6	58.7	58.2	151	154	104	111	75-125	2	20		
Cadmium	mg/kg	0.18J	58.7	58.2	56.2	55.1	95	94	75-125	2	20		
Chromium	mg/kg	16.2	58.7	58.2	73.5	73.1	97	98	75-125	.5	20		
Lead	mg/kg	14.7	58.7	58.2	59.8	67.1	77	90	75-125	11	20		
Selenium	mg/kg	0.63J	58.7	58.2	46.8	53.2	79	90	75-125	13	20		
Silver	mg/kg	<0.052	29.4	29.1	24.0	23.9	82	82	75-125	.1	20		



**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

QC Batch: MPRP/4722 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP  
Associated Lab Samples: 4038806001, 4038806002, 4038806009

METHOD BLANK: 377804 Matrix: Water  
Associated Lab Samples: 4038806001, 4038806002, 4038806009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0038	0.0075	11/01/10 19:48	

LABORATORY CONTROL SAMPLE: 377805

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	.5	0.50	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 377806 377807

Parameter	Units	4038286002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	<0.019	2.5	2.5	2.5	2.5	98	100	75-125	2	20	

MATRIX SPIKE SAMPLE: 377808

Parameter	Units	4038450001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	<0.019	2.5	2.5	100	75-125	

MATRIX SPIKE SAMPLE: 377809

Parameter	Units	4038710001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.089	2.5	2.6	100	75-125	

**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

QC Batch: MPRP/4760 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP  
Associated Lab Samples: 4038806008

METHOD BLANK: 382026 Matrix: Water  
Associated Lab Samples: 4038806008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0038	0.0075	11/10/10 10:49	

LABORATORY CONTROL SAMPLE: 382027

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	.5	0.49	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 382028 382029

Parameter	Units	10142217001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/L	0.11	2.5	2.5	2.5	2.5	95	95	75-125	.3	20	

MATRIX SPIKE SAMPLE: 382030

Parameter	Units	4039132001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.22	2.5	2.6	96	75-125	

MATRIX SPIKE SAMPLE: 382031

Parameter	Units	10142336001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	ND	2.5	2.4	95	75-125	

**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

QC Batch: MERP/2248 Analysis Method: EPA 7471  
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007, 4038806008

METHOD BLANK: 379408 Matrix: Solid  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007, 4038806008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	0.0053J	0.010	11/05/10 08:18	

LABORATORY CONTROL SAMPLE: 379409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.25	0.26	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 379410 379411

Parameter	Units	4038806003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.28	.26	.26	0.54	0.62	100	131	85-115	13	20 M0	



### QUALITY CONTROL DATA

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

QC Batch: OEXT/9665 Analysis Method: EPA 8270  
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007

METHOD BLANK: 377103 Matrix: Solid  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/kg	<52.3	167	10/29/10 21:16	
2,4,5-Trichlorophenol	ug/kg	<11.0	167	10/29/10 21:16	
2,4,6-Trichlorophenol	ug/kg	<18.4	167	10/29/10 21:16	
2,4-Dichlorophenol	ug/kg	<14.2	167	10/29/10 21:16	
2,4-Dimethylphenol	ug/kg	<83.3	167	10/29/10 21:16	
2,4-Dinitrophenol	ug/kg	<122	667	10/29/10 21:16	
2,4-Dinitrotoluene	ug/kg	<13.1	167	10/29/10 21:16	
2,6-Dinitrotoluene	ug/kg	<19.3	167	10/29/10 21:16	
2-Chloronaphthalene	ug/kg	<17.4	167	10/29/10 21:16	
2-Chlorophenol	ug/kg	<83.3	167	10/29/10 21:16	
2-Methylnaphthalene	ug/kg	<18.4	167	10/29/10 21:16	
2-Methylphenol(o-Cresol)	ug/kg	<83.3	167	10/29/10 21:16	
2-Nitroaniline	ug/kg	<12.1	167	10/29/10 21:16	
2-Nitrophenol	ug/kg	<19.9	167	10/29/10 21:16	
3&4-Methylphenol(m&p Cresol)	ug/kg	<17.4	167	10/29/10 21:16	
3,3'-Dichlorobenzidine	ug/kg	<12.1	167	10/29/10 21:16	
3-Nitroaniline	ug/kg	<13.2	167	10/29/10 21:16	
4,6-Dinitro-2-methylphenol	ug/kg	<83.3	167	10/29/10 21:16	
4-Bromophenylphenyl ether	ug/kg	<17.7	167	10/29/10 21:16	
4-Chloro-3-methylphenol	ug/kg	<17.0	167	10/29/10 21:16	
4-Chloroaniline	ug/kg	<83.3	333	10/29/10 21:16	
4-Chlorophenylphenyl ether	ug/kg	<83.3	167	10/29/10 21:16	
4-Nitroaniline	ug/kg	<83.3	167	10/29/10 21:16	
4-Nitrophenol	ug/kg	<32.9	167	10/29/10 21:16	
Acenaphthene	ug/kg	<83.3	167	10/29/10 21:16	
Acenaphthylene	ug/kg	<17.9	167	10/29/10 21:16	
Anthracene	ug/kg	<83.3	167	10/29/10 21:16	
Benzo(a)anthracene	ug/kg	<18.8	167	10/29/10 21:16	
Benzo(a)pyrene	ug/kg	<20.2	167	10/29/10 21:16	
Benzo(b)fluoranthene	ug/kg	<19.7	167	10/29/10 21:16	
Benzo(g,h,i)perylene	ug/kg	<83.3	167	10/29/10 21:16	
Benzo(k)fluoranthene	ug/kg	<26.3	167	10/29/10 21:16	
Benzyl alcohol	ug/kg	<20.8	333	10/29/10 21:16	
bis(2-Chloroethoxy)methane	ug/kg	<20.1	167	10/29/10 21:16	
bis(2-Chloroethyl) ether	ug/kg	<83.3	167	10/29/10 21:16	
bis(2-Ethylhexyl)phthalate	ug/kg	<34.1	167	10/29/10 21:16	
Butylbenzylphthalate	ug/kg	<37.5	167	10/29/10 21:16	
Chrysene	ug/kg	<24.3	167	10/29/10 21:16	
Di-n-butylphthalate	ug/kg	<27.9	167	10/29/10 21:16	
Di-n-octylphthalate	ug/kg	<18.2	167	10/29/10 21:16	
Dibenz(a,h)anthracene	ug/kg	<30.5	167	10/29/10 21:16	
Dibenzofuran	ug/kg	<83.3	167	10/29/10 21:16	
Diethylphthalate	ug/kg	<83.3	167	10/29/10 21:16	

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 58 of 67

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**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

METHOD BLANK: 377103 Matrix: Solid  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dimethylphthalate	ug/kg	<17.5	167	10/29/10 21:16	
Fluoranthene	ug/kg	<29.5	167	10/29/10 21:16	
Fluorene	ug/kg	<8.4	167	10/29/10 21:16	
Hexachloro-1,3-butadiene	ug/kg	<21.5	167	10/29/10 21:16	
<del>Hexachlorobenzene</del>	<del>ug/kg</del>	<del>&lt;9.8</del>	<del>167</del>	<del>10/29/10 21:16</del>	
Hexachlorocyclopentadiene	ug/kg	<83.3	167	10/29/10 21:16	
Hexachloroethane	ug/kg	<21.1	167	10/29/10 21:16	
Indeno(1,2,3-cd)pyrene	ug/kg	<22.4	167	10/29/10 21:16	
Isophorone	ug/kg	<83.3	167	10/29/10 21:16	
N-Nitroso-di-n-propylamine	ug/kg	<19.8	167	10/29/10 21:16	
N-Nitrosodiphenylamine	ug/kg	<22.9	167	10/29/10 21:16	
Naphthalene	ug/kg	<19.5	167	10/29/10 21:16	
Nitrobenzene	ug/kg	<19.1	167	10/29/10 21:16	
Pentachlorophenol	ug/kg	<83.3	330	10/29/10 21:16	
Phenanthrene	ug/kg	<83.3	167	10/29/10 21:16	
Phenol	ug/kg	<19.8	167	10/29/10 21:16	
Pyrene	ug/kg	<40.6	167	10/29/10 21:16	
2,4,6-Tribromophenol (S)	%	85	10-130	10/29/10 21:16	
2-Fluorobiphenyl (S)	%	87	40-130	10/29/10 21:16	
2-Fluorophenol (S)	%	75	26-130	10/29/10 21:16	
Nitrobenzene-d5 (S)	%	80	21-130	10/29/10 21:16	
Phenol-d6 (S)	%	72	31-130	10/29/10 21:16	
Terphenyl-d14 (S)	%	80	10-164	10/29/10 21:16	

LABORATORY CONTROL SAMPLE: 377104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-Trichlorophenol	ug/kg	1670	1630	98	67-130	
2,4,6-Trichlorophenol	ug/kg	1670	1640	98	68-130	
2,4-Dichlorophenol	ug/kg	1670	1470	88	61-130	
2,4-Dimethylphenol	ug/kg	1670	1290	78	50-130	
2,4-Dinitrophenol	ug/kg	1670	1200	72	29-130	
2,4-Dinitrotoluene	ug/kg	1670	1560	94	70-130	
2,6-Dinitrotoluene	ug/kg	1670	1630	98	70-130	
2-Chloronaphthalene	ug/kg	1670	1550	93	68-130	
2-Chlorophenol	ug/kg	1670	1290	77	53-130	
2-Methylnaphthalene	ug/kg	1670	1420	85	66-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1340	81	51-130	
2-Nitroaniline	ug/kg	1670	1460	88	55-130	
2-Nitrophenol	ug/kg	1670	1430	86	57-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1320	79	53-130	
3,3'-Dichlorobenzidine	ug/kg	1670	1520	91	52-139	
3-Nitroaniline	ug/kg	1670	1560	94	65-130	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1490	90	54-130	
4-Bromophenylphenyl ether	ug/kg	1670	1540	93	65-130	

Date: 11/10/2010 03:17 PM

**REPORT OF LABORATORY ANALYSIS**

Page 59 of 67

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### QUALITY CONTROL DATA

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

LABORATORY CONTROL SAMPLE: 377104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Chloro-3-methylphenol	ug/kg	1670	1440	86	63-130	
4-Chloroaniline	ug/kg	1670	1320	79	49-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1600	96	70-130	
4-Nitroaniline	ug/kg	1670	1360	82	55-140	
4-Nitrophenol	ug/kg	1670	1400	84	46-130	
Acenaphthene	ug/kg	1670	1520	91	70-130	
Acenaphthylene	ug/kg	1670	1490	90	69-130	
Anthracene	ug/kg	1670	1570	94	70-130	
Benzo(a)anthracene	ug/kg	1670	1550	93	70-130	
Benzo(a)pyrene	ug/kg	1670	1430	86	70-130	
Benzo(b)fluoranthene	ug/kg	1670	1440	86	66-130	
Benzo(g,h,i)perylene	ug/kg	1670	1860	111	43-149	
Benzo(k)fluoranthene	ug/kg	1670	1400	84	66-130	
Benzyl alcohol	ug/kg	1670	1360	81	53-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1440	86	59-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1300	78	40-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1550	93	64-133	
Butylbenzylphthalate	ug/kg	1670	1480	89	60-136	
Chrysene	ug/kg	1670	1560	93	70-130	
Di-n-butylphthalate	ug/kg	1670	1530	92	70-130	
Di-n-octylphthalate	ug/kg	1670	1830	110	60-133	
Dibenz(a,h)anthracene	ug/kg	1670	1750	105	45-139	
Dibenzofuran	ug/kg	1670	1640	98	70-130	
Diethylphthalate	ug/kg	1670	1560	93	70-130	
Dimethylphthalate	ug/kg	1670	1540	92	70-130	
Fluoranthene	ug/kg	1670	1510	91	59-130	
Fluorene	ug/kg	1670	1630	98	70-130	
Hexachloro-1,3-butadiene	ug/kg	1670	1450	87	55-130	
Hexachlorobenzene	ug/kg	1670	1520	91	68-130	
Hexachlorocyclopentadiene	ug/kg	1670	1140	68	13-130	
Hexachloroethane	ug/kg	1670	1350	81	47-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1750	105	37-150	
Isophorone	ug/kg	1670	1140	69	17-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1250	75	48-130	
N-Nitrosodiphenylamine	ug/kg	1670	1710	103	70-135	
Naphthalene	ug/kg	1670	1420	85	60-130	
Nitrobenzene	ug/kg	1670	1420	85	48-130	
Pentachlorophenol	ug/kg	1670	1380	83	47-130	
Phenanthrene	ug/kg	1670	1620	97	70-130	
Phenol	ug/kg	1670	1420	85	46-130	
Pyrene	ug/kg	1670	1500	90	41-146	
2,4,6-Tribromophenol (S)	%			91	10-130	
2-Fluorobiphenyl (S)	%			93	40-130	
2-Fluorophenol (S)	%			78	26-130	
Nitrobenzene-d5 (S)	%			83	21-130	
Phenol-d6 (S)	%			78	31-130	
Terphenyl-d14 (S)	%			77	10-164	

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 60 of 67

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**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		377105		377106									
Parameter	Units	4038806003	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	Result	Result	Limits	RPD	RPD	RPD	
2,4,5-Trichlorophenol	ug/kg	<4570	1740	1740	<4570	<4570	0	0	36-130		24	M6	
2,4,6-Trichlorophenol	ug/kg	<7670	1740	1740	<7670	<7670	0	0	36-130		29	M6	
2,4-Dichlorophenol	ug/kg	<5930	1740	1740	<5930	<5930	0	0	46-130		28	M6	
2,4-Dimethylphenol	ug/kg	<34700	1740	1740	<34700	<34700	0	0	30-130		32	M6	
2,4-Dinitrophenol	ug/kg	<51000	1740	1740	<51000	<51000	0	0	10-130		40	M6	
<del>2,4-Dinitrotoluene</del>	<del>ug/kg</del>	<del>&lt;5460</del>	<del>1740</del>	<del>1740</del>	<del>&lt;5460</del>	<del>&lt;5460</del>	<del>0</del>	<del>0</del>	<del>32-130</del>		<del>30</del>	<del>M6</del>	
2,6-Dinitrotoluene	ug/kg	<8020	1740	1740	<8020	<8020	0	0	48-130		26	M6	
2-Chloronaphthalene	ug/kg	<7230	1740	1740	<7230	<7230	0	0	53-130		20	M6	
2-Chlorophenol	ug/kg	<34700	1740	1740	<34700	<34700	0	0	45-130		24	M6	
2-Methylnaphthalene	ug/kg	<7660	1740	1740	<7660	<7660	62	84	52-130		20		
2-Methylphenol(o-Cresol)	ug/kg	<34700	1740	1740	<34700	<34700	0	0	45-130		26	M6	
2-Nitroaniline	ug/kg	<5030	1740	1740	<5030	<5030	0	0	31-130		20	M6	
2-Nitrophenol	ug/kg	<8310	1740	1740	<8310	<8310	0	0	30-130		28	M6	
3&4-Methylphenol(m&p Cresol)	ug/kg	<7240	1740	1740	<7240	<7240	0	0	43-130		25	M6	
3,3'-Dichlorobenzidine	ug/kg	<5040	1740	1740	<5040	<5040	0	0	10-169		50	M6	
3-Nitroaniline	ug/kg	<5500	1740	1740	<5500	<5500	0	0	15-137		36	M6	
4,6-Dinitro-2-methylphenol	ug/kg	<34700	1740	1740	<34700	<34700	0	0	10-130		50	M6	
4-Bromophenylphenyl ether	ug/kg	<7360	1740	1740	<7360	<7360	0	0	36-130		25	M6	
4-Chloro-3-methylphenol	ug/kg	<7090	1740	1740	<7090	<7090	0	0	43-130		27	M6	
4-Chloroaniline	ug/kg	<34700	1740	1740	<34700	<34700	0	0	18-130		28	M6	
4-Chlorophenylphenyl ether	ug/kg	<34700	1740	1740	<34700	<34700	0	0	51-130		20	M6	
4-Nitroaniline	ug/kg	<34700	1740	1740	<34700	<34700	0	0	10-142		50	M6	
4-Nitrophenol	ug/kg	<13700	1740	1740	<13700	<13700	0	0	10-130		50	M6	
Acenaphthene	ug/kg	<34700	1740	1740	<34700	<34700	0	0	52-130		21	M6	
Acenaphthylene	ug/kg	<7450	1740	1740	<7450	<7450	0	0	50-130		20	M6	
Anthracene	ug/kg	<34700	1740	1740	<34700	<34700	0	0	45-130		25	M6	
Benzo(a)anthracene	ug/kg	<7820	1740	1740	<7820	<7820	0	0	43-130		41	M6	
Benzo(a)pyrene	ug/kg	<8420	1740	1740	<8420	<8420	0	0	34-130		38	M6	
Benzo(b)fluoranthene	ug/kg	<8200	1740	1740	<8200	<8200	0	0	32-130		36	M6	
Benzo(g,h,i)perylene	ug/kg	<34700	1740	1740	<34700	<34700	0	0	16-148		50	M6	
Benzo(k)fluoranthene	ug/kg	<11000	1740	1740	<11000	<11000	0	0	45-130		41	M6	
Benzyl alcohol	ug/kg	<8660	1740	1740	<8660	<8660	0	0	46-130		40	M6	
bis(2-Chloroethoxy)methane	ug/kg	<8380	1740	1740	<8380	<8380	0	0	54-130		21	M6	
bis(2-Chloroethyl) ether	ug/kg	<34700	1740	1740	<34700	<34700	0	0	42-130		26	M6	
bis(2-Ethylhexyl)phthalate	ug/kg	<14200	1740	1740	<14200	<14200	0	0	35-155		23	M6	
Butylbenzylphthalate	ug/kg	<15600	1740	1740	<15600	<15600	0	0	31-154		27	M6	
Chrysene	ug/kg	<10100	1740	1740	<10100	<10100	0	0	46-130		30	M6	
Di-n-butylphthalate	ug/kg	<11600	1740	1740	<11600	<11600	0	0	43-130		29	M6	
Di-n-octylphthalate	ug/kg	<7590	1740	1740	<7590	<7590	0	0	44-136		29	M6	
Dibenz(a,h)anthracene	ug/kg	<12700	1740	1740	<12700	<12700	0	0	21-132		50	M6	
Dibenzofuran	ug/kg	<34700	1740	1740	<34700	<34700	0	0	53-130		20	M6	
Diethylphthalate	ug/kg	<34700	1740	1740	<34700	<34700	0	0	51-130		22	M6	
Dimethylphthalate	ug/kg	<7290	1740	1740	<7290	<7290	0	0	63-130		25	M6	
Fluoranthene	ug/kg	<12300	1740	1740	<12300	<12300	0	0	22-132		38	M6	
Fluorene	ug/kg	<3490	1740	1740	<3490	<3490	0	0	50-130		20	M6	
Hexachloro-1,3-butadiene	ug/kg	<8940	1740	1740	<8940	<8940	0	0	49-130		23	M6	

**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

Parameter	4038806003		MS		MSD		MS		MSD		% Rec	Limits	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Hexachlorobenzene	ug/kg	<4080	1740	1740	<4080	<4080	0	0	44-130	20	M6			
Hexachlorocyclopentadiene	ug/kg	<34700	1740	1740	<34700	<34700	0	0	10-130	50	M6			
Hexachloroethane	ug/kg	<8790	1740	1740	<8790	<8790	0	0	31-130	23	M6			
Indeno(1,2,3-cd)pyrene	ug/kg	<9310	1740	1740	<9310	<9310	0	0	16-142	50	M6			
Isophorone	ug/kg	<34700	1740	1740	<34700	<34700	0	0	19-130	20	M6			
N-Nitroso-di-n-propylamine	ug/kg	<8240	1740	1740	<8240	<8240	0	0	42-130	23	M6			
N-Nitrosodiphenylamine	ug/kg	<9540	1740	1740	<9540	<9540	0	0	42-151	36	M6			
Naphthalene	ug/kg	<8120	1740	1740	<8120	<8120	0	0	51-130	21	M6			
Nitrobenzene	ug/kg	<7980	1740	1740	<7980	<7980	0	0	46-130	24	M6			
Pentachlorophenol	ug/kg	<34700	1740	1740	<34700	<34700	0	0	10-130	38	M6			
Phenanthrene	ug/kg	<34700	1740	1740	<34700	<34700	0	0	44-130	27	M6			
Phenol	ug/kg	<8250	1740	1740	<8250	<8250	0	0	41-130	28	M6			
Pyrene	ug/kg	<16900	1740	1740	<16900	<16900	0	0	21-156	42	M6			
2,4,6-Tribromophenol (S)	%						0	0	10-130		S4			
2-Fluorobiphenyl (S)	%						0	0	40-130		S4			
2-Fluorophenol (S)	%						0	0	26-130		S4			
Nitrobenzene-d5 (S)	%						0	0	21-130		S4			
Phenol-d6 (S)	%						0	0	31-130		S4			
Terphenyl-d14 (S)	%						0	0	10-164		S4			

### QUALITY CONTROL DATA

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

QC Batch: MSV/9469 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007

METHOD BLANK: 377243 Matrix: Solid  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,1-Dichloroethane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,1-Dichloroethene	ug/kg	<25.0	60.0	10/29/10 10:28	
1,1-Dichloropropene	ug/kg	<25.0	60.0	10/29/10 10:28	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	10/29/10 10:28	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	10/29/10 10:28	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	10/29/10 10:28	
1,2-Dichloroethane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,2-Dichloropropane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
1,3-Dichloropropane	ug/kg	<25.0	60.0	10/29/10 10:28	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
2,2-Dichloropropane	ug/kg	<25.0	60.0	10/29/10 10:28	
2-Chlorotoluene	ug/kg	<25.0	60.0	10/29/10 10:28	
4-Chlorotoluene	ug/kg	<25.0	60.0	10/29/10 10:28	
Benzene	ug/kg	<25.0	60.0	10/29/10 10:28	
Bromobenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
Bromochloromethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Bromodichloromethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Bromoform	ug/kg	<25.9	60.0	10/29/10 10:28	
Bromomethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Carbon tetrachloride	ug/kg	<25.0	60.0	10/29/10 10:28	
Chlorobenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
Chloroethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Chloroform	ug/kg	<25.0	60.0	10/29/10 10:28	
Chloromethane	ug/kg	<25.0	60.0	10/29/10 10:28	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	10/29/10 10:28	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	10/29/10 10:28	
Dibromochloromethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Dibromomethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Diisopropyl ether	ug/kg	<25.0	60.0	10/29/10 10:28	
Ethylbenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	10/29/10 10:28	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	10/29/10 10:28	

Date: 11/10/2010 03:17 PM

### REPORT OF LABORATORY ANALYSIS

Page 63 of 67

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**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

METHOD BLANK: 377243 Matrix: Solid  
Associated Lab Samples: 4038806003, 4038806004, 4038806005, 4038806006, 4038806007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	10/29/10 10:28	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	10/29/10 10:28	
Methylene Chloride	ug/kg	<25.0	60.0	10/29/10 10:28	
n-Butylbenzene	ug/kg	<40.4	60.0	10/29/10 10:28	
n-Propylbenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
Naphthalene	ug/kg	<25.0	60.0	10/29/10 10:28	
o-Xylene	ug/kg	<25.0	60.0	10/29/10 10:28	
p-Isopropyltoluene	ug/kg	<25.0	60.0	10/29/10 10:28	
sec-Butylbenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
Styrene	ug/kg	<25.0	60.0	10/29/10 10:28	
tert-Butylbenzene	ug/kg	<25.0	60.0	10/29/10 10:28	
Tetrachloroethene	ug/kg	<25.0	60.0	10/29/10 10:28	
Toluene	ug/kg	<25.0	60.0	10/29/10 10:28	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	10/29/10 10:28	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	10/29/10 10:28	
Trichloroethene	ug/kg	<25.0	60.0	10/29/10 10:28	
Trichlorofluoromethane	ug/kg	<25.0	60.0	10/29/10 10:28	
Vinyl chloride	ug/kg	<25.0	60.0	10/29/10 10:28	
4-Bromofluorobenzene (S)	%	96	55-141	10/29/10 10:28	
Dibromofluoromethane (S)	%	106	67-143	10/29/10 10:28	
Toluene-d8 (S)	%	108	67-132	10/29/10 10:28	

LABORATORY CONTROL SAMPLE & LCSD: 377244 377245

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2680	2710	107	108	67-130	1	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2350	2330	94	93	70-130	.6	20	
1,1,2-Trichloroethane	ug/kg	2500	2560	2580	102	103	70-130	.8	20	
1,1-Dichloroethane	ug/kg	2500	2530	2570	101	103	70-130	2	20	
1,1-Dichloroethene	ug/kg	2500	2540	2590	102	104	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2770	2850	111	114	70-130	3	20	
1,2-Dichloropropane	ug/kg	2500	2310	2350	93	94	70-130	2	20	
Benzene	ug/kg	2500	2280	2290	91	92	70-130	.5	20	
Bromodichloromethane	ug/kg	2500	2570	2560	103	103	70-130	.2	20	
Bromoform	ug/kg	2500	2090	2110	84	84	68-130	.7	20	
Bromomethane	ug/kg	2500	3030	3090	121	124	52-160	2	20	
Carbon tetrachloride	ug/kg	2500	3000	3050	120	122	70-130	2	20	
Chlorobenzene	ug/kg	2500	2670	2630	107	105	70-130	2	20	
Chloroethane	ug/kg	2500	3490	3680	140	147	38-172	5	20	
Chloroform	ug/kg	2500	2570	2560	103	102	70-130	.5	20	
Chloromethane	ug/kg	2500	2080	2090	83	84	68-130	.5	20	
cis-1,2-Dichloroethene	ug/kg	2500	2440	2450	98	98	70-130	.2	20	
cis-1,3-Dichloropropene	ug/kg	2500	2070	2140	83	86	70-130	3	20	
Dibromochloromethane	ug/kg	2500	2490	2560	100	102	70-130	2	20	
Ethylbenzene	ug/kg	2500	2550	2500	102	100	70-130	2	20	

**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

LABORATORY CONTROL SAMPLE & LCSD: 377244		377245								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	5000	5260	5180	105	104	70-130	2	20	
Methylene Chloride	ug/kg	2500	2620	2670	105	107	70-130	2	20	
o-Xylene	ug/kg	2500	2590	2600	104	104	70-130	.2	20	
Styrene	ug/kg	2500	2550	2470	102	99	66-130	3	20	
Tetrachloroethene	ug/kg	2500	2610	2640	104	106	70-130	1	20	
Toluene	ug/kg	2500	2560	2510	102	100	70-130	2	20	
trans-1,2-Dichloroethene	ug/kg	2500	2580	2590	103	104	70-130	.3	20	
trans-1,3-Dichloropropene	ug/kg	2500	2140	2100	86	84	70-130	2	20	
Trichloroethene	ug/kg	2500	2480	2520	99	101	70-130	2	20	
Vinyl chloride	ug/kg	2500	2090	2060	83	83	70-130	1	20	
4-Bromofluorobenzene (S)	%				100	99	55-141			
Dibromofluoromethane (S)	%				110	111	67-143			
Toluene-d8 (S)	%				107	105	67-132			

**QUALITY CONTROL DATA**

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

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QC Batch:	PMST/4821	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	4038806003, 4038806004, 4038806005, 4038806006, 4038806007, 4038806008, 4038806010, 4038806011, 4038806012, 4038806013, 4038806014, 4038806015, 4038806016, 4038806017, 4038806018, 4038806019		

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SAMPLE DUPLICATE: 377914

Parameter	Units	4038806007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.5	13.5	.2	10	



## QUALIFIERS

Project: 06139.01.004 CONNELL  
Pace Project No.: 4038806

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

### ANALYTE QUALIFIERS

- 1q The Surrogate was manually assigned outside of the retention time window based on pattern recognition. The retention time shift may be due to sample matrix.
- 2q The aroclor was manually assigned outside of the retention time window based on pattern recognition. The retention time shift may be due to sample matrix.
- B Analyte was detected in the associated method blank.
- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
- M6 Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
- S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- S4 Surrogate recovery not evaluated against control limits due to sample dilution.
- W Non-detect results are reported on a wet weight basis.

(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436



✓ MKL

Company Name: RMT, INC  
 Branch/Location: Madison  
 Project Contact: J. Wedekind  
 Phone: 608-831-4444  
 Project Number: 06139.01.004  
 Project Name: Connell  
 Project State: WI  
 Sampled By (Print): James Wedekind / Ted Connell  
 Sampled By (Sign): [Signature]  
 PO #: \_\_\_\_\_ Regulatory Program: \_\_\_\_\_

### CHAIN OF CUSTODY

**\*Preservation Codes**  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?  
(YES/NO)  
 PRESERVATION  
 CODE\*

Y/N	F	A	A	A	A						
Analysis Requested											
Matrix	VOCs	Metals	PCBs	SVOCs	TCUP Lead						

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: J. Wedekind  
 Invoice To Company: RMT, INC  
 Invoice To Address: 744 Heartland trail  
Madison WI 53575  
 Invoice To Phone: J. Wedekind 608-831-4444  
 CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only):  
8oz ag  
↓  
3-4oz ag, 40ml F  
↓  
4oz ag  
8oz ag  
Crushed Concrete  
matrix  
↓  
↓  
↓  
 PACE Project No. 41038806  
 Receipt Temp = 201 °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present  
Intact / Not Intact

**Data Package Options** (billable)  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WW = Waste Water  
 Sl = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	Furnace-1	10/22/10	1105	S
002	Furnace-2		1100	S
003	SS-1		1130	S
004	SS-2		1145	S
005	SS-3		1200	S
006	SS-4		1205	S
007	D-1		1230	S
008	WP-01		1235	S
009	Furnace-3		1110	S
010	C1-0-1	10/25/10	1045	
011	C1-1-2		1040	
012	C2-0-1		1050	
013	C2-1-2		1100	

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: \_\_\_\_\_  
 Transmit Prelim Rush Results by (complete what you want):  
 Email #1: \_\_\_\_\_  
 Email #2: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: [Signature] Date/Time: 10/25/10 1400  
 Relinquished By: [Signature] Date/Time: 10/26/10 0700  
 Relinquished By: [Signature] Date/Time: 10/27/10 0955  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: [Signature] Date/Time: 10/23/10 0740  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: [Signature] Date/Time: 10/27/10 0955  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_



(Please Print Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436



Company Name: RMT, INC  
 Branch/Location: Madison  
 Project Contact: J. Wade Kind  
 Phone: 608-831-4444  
 Project Number: 06139.01.004  
 Project Name: Connell  
 Project State: WI  
 Sampled By (Print): James Wedekind/Ted O'Connell  
 Sampled By (Sign): [Signature]  
 PO #: [Blank] Regulatory Program: [Blank]

**CHAIN OF CUSTODY**

\*Preservation Codes  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #: [Blank]  
 Mail To Contact: [Blank]  
 Mail To Company: [Blank]  
 Mail To Address: [Blank]  
 Invoice To Contact: [Blank]  
 Invoice To Company: [Blank]  
 Invoice To Address: [Blank]  
 Invoice To Phone: [Blank]

**Data Package Options** (billable)  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 NOT needed on your sample

**Matrix Codes**  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 O = Oil SW = Surface Water  
 S = Soil WW = Waste Water  
 SI = Sludge WP = Wipe

Y/N	Pick Letter	Analysis Requested
	A	PCBs

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
014	C3-0-1	10/25/10	1225	
015	C3-1-2		1230	
016	C4-0-1		1245	
017	C4-1-2		1250	
018	C5-0-1		1300	
019	C5-1-2		1305	

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
802 ag	Crushed Concrete Matrix	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)  
 Date Needed: [Blank]

Transmit Prelim Rush Results by (complete what you want):

Email #1: [Blank]  
 Email #2: [Blank]  
 Telephone: [Blank]  
 Fax: [Blank]

Samples on HOLD are subject to special pricing and release of liability

Relinquished By: [Signature] Date/Time: 10/25/10 1400  
 Relinquished By: [Signature] Date/Time: 10/26/10 1700  
 Relinquished By: [Signature] Date/Time: 10/27/10 0955  
 Relinquished By: [Blank] Date/Time: [Blank]

Received By: [Signature] Date/Time: 10/26/10 0748  
 Received By: [Signature] Date/Time: [Blank]  
 Received By: [Signature] Date/Time: 10/27/10 0955  
 Received By: [Blank] Date/Time: [Blank]

PACE Project No. 4038806  
 Receipt Temp = ROT °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present Intact / Not Intact





**Sample Condition Upon Receipt**

Client Name: RMT Project # 4238806

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other CS Logistics

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None Other ziplock bags

Thermometer Used N/A Type of Ice: Wet Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature ROI Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Temp should be above freezing to 6°C for all sample except Biota.

Biota Samples should be received ≤ 0°C.

Optional
Proj. Due Date:
Proj. Name:

Person examining contents:

Date: 10/27/10

Initials: MRN

	Comments:
Chain of Custody Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>g</u>	
All containers needing preservation have been checked. <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water) <input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
	Lot # of added preservative
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____	

Client Notification/ Resolution: \_\_\_\_\_ Field Data Required? Y / N

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: [Signature]

Date: 10/27/10

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

**APPENDIX B**

**2009 PARSS ASBESTOS TESTING REPORT**



A Safer Environment Begins Today



Est. 1988

12440 W. Robin Ln., Brookfield, WI 53005

Professional Asbestos  
Removal and Survey  
Services Corp.

(262) 790-9940 • Fax: (262) 790-9941  
email: [manager@parsscorp.com](mailto:manager@parsscorp.com)

*"Continuing Our Tradition of Excellence"*

August 31, 2009

Mr. Mike Kellogg  
Connell Limited Partnership  
900 Haddon Hall Drive  
Apex, NC 27502

Dear Mr. Kellogg:

We have received the Bulk Sample results and laboratory analysis for the Commercial Building located at 9100 S. 5<sup>th</sup> Avenue, Oak Creek, WI.

One (1) sample has come back (#8) with traces of asbestos. This sample needs to be Point Counted. By law, to prove the product negative for EPA/DNR purposes the sample must be Point Counted. The alternative is to assume that the product is asbestos.

We would need your authorization to proceed with the Point Counting (which would be our recommendation) and the cost of the Point Counting is \$60.00 per sample.

**Please provide us with the authorization on these additional charges. Please sign and date and fax back to us.**

Please feel free to call us if you should have any questions.

Sincerely,

Kim Thorp  
Project Manager  
PARSS Corporation

KT:pb

**Authorization To Proceed:**

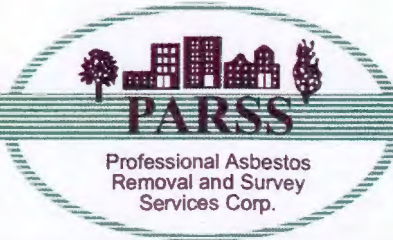
\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Print Name

**Asbestos • Mold • Lead**





12440 W. Robin Ln., Brookfield, WI 53005

Professional Asbestos  
Removal and Survey  
Services Corp.

(262) 790-9940 • Fax: (262) 790-9941  
email: [manager@parssc.com](mailto:manager@parssc.com)

*"Continuing Our Tradition of Excellence"*

August 31, 2009

Mr. Mike Kellogg  
Connell Limited Partnership  
900 Haden Hall Drive  
Apex, NC 27502

Dear Mr. Kellogg:

Connell Limited Partnership has retained Professional Asbestos Removal & Survey Services Corp. (PARSS CORP.) to perform an asbestos inspection at a Commercial Facility (Formerly Wabash Alloy) located at 9100 S. 5<sup>th</sup> Avenue, Oak Creek, WI.

The purpose of this inspection is to locate, identify and quantify any building material that may contain asbestos prior to demolition. This is to fulfill the requirements of NESHAPS pre-demolition inspection protocol. It must be remembered that it is physically impossible to identify all of the asbestos consisting materials, some may be behind walls or above plaster ceilings.

If suspect materials other than those sampled or identified in this report are discovered, the user of this report must assume that material contains asbestos until proven otherwise.

Inspection was performed on August 20<sup>th</sup> and 21<sup>st</sup>, 2009 to sample any suspect product and have it analyzed using Polarized Light Microscopy (PLM) analysis.

After Bulk Sample results were received the following is a list of asbestos materials (based on the EPA Definition) and their location and approximate quantity.

<u>Material</u>	<u>Location</u>	<u>Approximate Quantity</u>
Floor Tile and Mastic	Purchasing Office	384 Sq. Ft.
Floor Tile and Mastic	Northeast Area – Center Room	168 Sq. Ft.
Floor Tile and Mastic	Center Back Office Area – 2 Floors	1,440 Sq. Ft.
Floor Tile and Mastic	Quant Lab Area	432 Sq. Ft.
Floor Tile and Mastic	Center Front Office Area	1,380 Sq. Ft.
Floor Tile and Mastic	Lobby Area – 1 <sup>st</sup> Floor	720 Sq. Ft.
Floor Tile and Mastic	Lobby Area – 2 <sup>nd</sup> Floor	840 Sq. Ft.
Floor Tile and Mastic	Southwest Office Area	960 Sq. Ft.
Floor Tile and Mastic	South End Office Area	1,050 Sq. Ft.
Tar on Inside of Roofing Deck (Wood)	East Side of West Building	12,00 Sq. Ft.
Glazing Compound	Metal Windows – West Wall and North Wall Middle	4 Windows
Tank Jacketing	Mezzanine Center Area	277 Sq. Ft.
Pipe Fitting Insulation	Mezzanine – By Tank	15 Fittings
Pipe Fitting Insulation	Mezzanine West Area	6 Fittings
Pipe Fitting Insulation	Locker Room	40 Fittings
Ceiling Tile	Office Area – South End	1,050 Sq. Ft.
Transite Ceiling Panels	Southwest Shop Area (Some Debris)	18,000 Sq. Ft.
Roofing Tar (Assumed)	Exterior	Unknown Quantities
Transite Siding and Roofing (Some Under Fiberglass)	Exterior	291,766 Sq. Ft.

Mr. Mike Kellogg  
Connell Limited Partnership  
August 31, 2009  
Page 2

Please note that the one (1) drywall composite sample came back with less than 1% asbestos. Under EPA Definition (NESHAPS Protocol) this material is not considered asbestos containing.

**However, DNR requires Point Count Analysis to further verify results.**

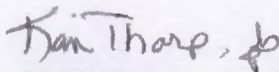
The tar on roofing deck and any exterior roofing tar are classified as Category I, Non-Friable and can remain during demolition if handled and disposed of properly by the Demolition Contractor.

A Trained Licensed Asbestos Abatement Contractor must remove all the other materials prior to demolition. **(Assuming concrete recycling is being performed – floor tile and mastic must be removed)**

It must also be noted that this inspection was performed using NESHAPS guidelines and not the OSHA requirements. Namely, no hand demolition or building component salvaging can be performed.

If you have any questions, please feel free to contact our office.

Sincerely,



Kim Thorp  
Project Manager

KGT:pb



Owner's Name:	CONNELL LIMITED PARTNERSHIP COMMERCIAL BUILDING	Report Date:	8-31-09		PAGE 1 OF 3
Project Name:	9100 S. 5TH AVENUE OAK CREEK, WI	Sample Taken By:	MR. KIM THORP		
PARSS Project #:	S2988	Lab Analysis By:	MICRO ANALYTICAL		
SAMPLE #	Building Location of Sample	Material Color	Description of Material	Sample Date	Asbestos%
1	EXTERIOR - WEST	GRAY	CAULK (DOOR)	8/20/2009	NONE DETECTED
2	PURCHASING OFFICE	TAN	CEILING TILE	8/20/2009	NONE DETECTED
3-II	PURCHASING OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	8% CHRYSOTILE
4	PURCHASING OFFICE	OFF-WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
4-II	PURCHASING OFFICE	OFF-WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
4-III	PURCHASING OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
5	WEST WALL	OFF-WHITE	GLAZING COMPOUND	8/20/2009	2% CHRYSOTILE
6	TOOL ROOM - OFFICE	TAN	CEILING TILE	8/20/2009	NONE DETECTED
7	MEZZANINE - CENTER	GRAY	JACKET & MUD ON TANK	8/20/2009	15% CHRYSOTILE
8	MEZZANINE - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	< 1% CHRYSOTILE
9	MEZZANINE	OFF-WHITE	PIPE FITTING	8/20/2009	2% CHRYSOTILE
				8/20/2009	< 1% AMOSITE
10	NORTH AREA	BROWN	REFRACTING DEBRIS	8/20/2009	NONE DETECTED
11	EAST SIDE	GRAY	DRUM INSULATION	8/20/2009	NONE DETECTED
12	EAST SIDE	BROWN	REFRACTORY IN BREECHING	8/20/2009	NONE DETECTED
13	NORTH EAST - MEN'S ROOM	TAN	CEILING TILE	8/20/2009	NONE DETECTED
14	CENTER ROOM	TAN	CEILING TILE	8/20/2009	NONE DETECTED
15-II	CENTER ROOM	BLACK	MASTIC (FLOOR TILE)	8/20/2009	8% CHRYSOTILE
16	CENTER ROOM	OFF-WHITE	GLAZING COMPOUND	8/20/2009	NONE DETECTED
17	RECEIVING OFFICE	BEIGE	FLOOR TILE	8/20/2009	NONE DETECTED
17-II	RECEIVING OFFICE	TAN	MASTIC (FLOOR TILE)	8/20/2009	NONE DETECTED
18	RECEIVING OFFICE	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
19	CENTER ROOM	GRAY	JAKCETING ON METAL BOX	8/20/2009	NONE DETECTED
20	SOUTHEAST HOPPER	GRAY	DOOR REFRACTORY	8/20/2009	NONE DETECTED
21	SOUTHEAST HOPPER	TAN	DOOR REFRACTORY	8/20/2009	NONE DETECTED
22	BAG HOUSE	TAN	SPRAY-ON INSULATION	8/20/2009	NONE DETECTED
23	BAG HOUSE - CENTER ROOM	TAN	CEILING TILE	8/20/2009	NONE DETECTED



Owner's Name:	CONNELL LIMITED PARTNERSHIP COMMERCIAL BUILDING	Report Date:	8-31-09		PAGE 2 OF 3
Project Name:	9100 S. 5TH AVENUE OAK CREEK, WI	Sample Taken By:	MR. KIM THORP		
PARSS Project #:	S2988	Lab Analysis By:	MICRO ANALYTICAL		
SAMPLE #	Building Location of Sample	Material Color	Description of Material	Sample Date	Asbestos%
24	SOUTH BOILER	GRAY	TROWLED ON MUD	8/20/2009	NONE DETECTED
25	SOUTH TROUGH	GRAY	PATCH MATERIAL	8/20/2009	NONE DETECTED
26	SOUTH TROUGH	GRAY	MAIN INSULATION	8/20/2009	NONE DETECTED
27	SOUTH BOILER	OFF-WHITE	FIBER BOARD DEBRIS	8/20/2009	NONE DETECTED
28	SOUTH BOILER	GRAY	REFRACTORY - TOP OF BOILER	8/20/2009	NONE DETECTED
29	SOUTH BOILER	GRAY	REFRACTOR - BREACHING	8/20/2009	NONE DETECTED
30	CENTER OFFICE	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
31-II	CENTER OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	3% CHRYSOTILE
32	CENTER OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
33-II	QUANT LAB	BLACK	MASTIC (FLOOR TILE)	8/20/2009	10% CHRYSOTILE
34	QUANT LAB	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
35	2ND FLOOR	WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
36	NORTH BOILER	BEIGE	REFRACTORY	8/20/2009	NONE DETECTED
37	WEST TROUGH	GRAY	MAIN INSULATION	8/20/2009	NONE DETECTED
38	WEST BOILER	GRAY	DOOR REFRACTORY	8/20/2009	NONE DETECTED
39	SOUTHWEST - BIG ROOM	OFF-WHITE	CEILING TILE	8/20/2009	20% CHRYSOTILE
40	NORTH OFFICE	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
41-II	NORTH OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	2% CHRYSOTILE
42	LOCKER ROOM	WHITE	PIPE FITTING	8/20/2009	5% CHRYSOTILE
43	LOBBY HALL	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
44-II	LOBBY HALL	BLACK	MASTIC (FLOOR TILE)	8/20/2009	3% CHRYSOTILE
45	2ND FLOOR - OFFICE	BROWN	FLOOR TILE	8/20/2009	5% CHRYSOTILE
46	2ND FLOOR - OFFICE	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
47	2ND FLOOR - OFFICE	TAN	MASTIC (CERAMIC ON BASE)	8/20/2009	NONE DETECTED
48	2ND FLOOR - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
49	2ND FLOOR - OFFICE	BLACK	TAR ON CEILING	8/20/2009	5% CHRYSOTILE
50-II	SOUTHWEST - OFFICE	BLACK	MASTIC (FLOOR TILE)	8/20/2009	10% CHRYSOTILE

Owner's Name:	CONNELL LIMITED PARTNERSHIP	Report Date:	8-31-09		PAGE 3 OF 3
	COMMERCIAL BUILDING				
Project Name:	9100 S. 5TH AVENUE	Sample Taken By:	MR. KIM THORP		
	OAK CREEK, WI				
PARSS Project #:	S2988	Lab Analysis By:	MICRO ANALYTICAL		
SAMPLE #	Building Location of Sample	Material Color	Description of Material	Sample Date	Asbestos%
51	SOUTHWEST - OFFICE	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
52A	SOUTHWEST - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
52B	SOUTHWEST - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
52C	SOUTHWEST - OFFICE	WHITE	DRYWALL COMPOSITE	8/20/2009	NONE DETECTED
53	SOUTHWEST - OFFICE / BACK ROOM	GRAY	CEILING TILE	8/20/2009	NONE DETECTED
53-II	SOUTHWEST - OFFICE / BACK ROOM	BROWN	MASTIC ( CEILING TILE GLUE DOT)	8/20/2009	NONE DETECTED
54-II	SOUTHWEST - OFFICE / SOUTH END	BLACK	MASTIC (FLOOR TILE)	8/20/2009	10% CHRYSOTILE
55	SOUTHWEST - OFFICE / SOUTH END	GRAY	CEILING TILE	8/20/2009	2% CHRYSOTILE
56	EXTERIOR - EAST LOT	MULTI	REFRACTORY	8/20/2009	NONE DETECTED



**MICRO ANALYTICAL, INC.**

11521 West North Avenue  
 Milwaukee, WI 53226  
 (800) 771-9820 (414) 771-0855  
 Fax: (414) 771-6570

**BULK ASBESTOS ANALYTICAL REPORT**  
 Utilizing PLM and Dispersion Stain Technique

Customer: P.A.R.S.S., Corp.  
 12440 W. Robin Ln  
 Brookfield WI, 53005

Report #: 101064  
 Received: 20-Aug-2009  
 Analyzed: 28-Aug-2009

Job ID: S2988 - Cornell L.P.

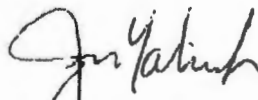
Sample ID	% Asbestos	Non-Asbestos		Color	Texture
		Fibrous Components	Non-Fibrous Components		
01	None Detected	2% Fibrous Glass	98%	Gray	Resinous
02	None Detected	5% Fibrous Glass 35% Cellulose	60%	Tan	Compressed
03 II	8% Chrysotile		92%	Black	Mastic
04	None Detected		100%	Off-White	Compact
04 II	None Detected		100%	Off-White	Compact
04 III	None Detected	10% Cellulose	90%	White	Compact
05	2% Chrysotile		98%	Off-White	Compact
06	None Detected	35% Fibrous Glass 35% Cellulose	30%	Tan	Compressed
07	15% Chrysotile	20% Cellulose	65%	Gray	Compressed
08	<1% Chrysotile	10% Cellulose	90%	White	Compact
09	2% Chrysotile <1% Amosite	20% Fibrous Glass 2% Cellulose	76%	Off-White	Compact
10	None Detected	2% Cellulose	98%	Brown	Compact
11	None Detected	<1% Fibrous Glass	100%	Gray	Compact
12	None Detected	<1% Fibrous Glass	100%	Brown	Compact
13	None Detected	5% Fibrous Glass 40% Cellulose	55%	Tan	Compressed
14	None Detected	5% Fibrous Glass 40% Cellulose	55%	Tan	Compressed
15 II	8% Chrysotile		92%	Black	Mastic
16	None Detected		100%	Off-White	Compact
17	None Detected		100%	Beige	Floortile



Sample ID	% Asbestos	Non-Asbestos Fibrous Components	Non-Fibrous Components	Color	Texture
17 II	None Detected	<1% Cellulose	100%	Tan	Mastic
18	None Detected	50% Cellulose	50%	Gray	Loose
19	None Detected	40% Fibrous Glass	60%	Gray	Resinous
20	None Detected		100%	Gray	Compact
21	None Detected		100%	Tan	Compact
22	None Detected	90% Cellulose	10%	Tan	Compressed
23	None Detected	5% Fibrous Glass 45% Cellulose	50%	Tan	Compressed
24	None Detected	<1% Silicate	100%	Gray	Compact
25	None Detected	40% Fibrous Glass <1% Cellulose	60%	Gray	Compressed
26	None Detected		100%	Gray	Compact
27	None Detected	60% Fibrous Glass	40%	Off-White	Compressed
28	None Detected		100%	Gray	Compact
29	None Detected		100%	Gray	Loose
30	None Detected	35% Fibrous Glass 35% Cellulose	30%	Gray	Compressed
31 II	3% Chrysotile		97%	Black	Mastic
32	None Detected	5% Cellulose	95%	White	Compact
33 II	10% Chrysotile		90%	Black	Mastic
34	None Detected	5% Fibrous Glass 65% Cellulose	30%	Gray	Compressed
35	None Detected	10% Cellulose	90%	White	Compact
36	None Detected	2% Fibrous Glass	98%	Beige	Compressed
37	None Detected	35% Fibrous Glass	65%	Gray	Compressed
38	None Detected		100%	Gray	Compact
39	20% Chrysotile		80%	Off-White	Compact
40	None Detected	25% Fibrous Glass 45% Cellulose	30%	Gray	Compressed
41 II	2% Chrysotile		98%	Black	Mastic
42	5% Chrysotile	15% Fibrous Glass	80%	White	Compressed
43	None Detected	35% Fibrous Glass 35% Cellulose	30%	Gray	Compressed
44 II	3% Chrysotile		97%	Black	Mastic
45	5% Chrysotile		95%	Brown	Floortile

Sample ID	% Asbestos	Non-Asbestos Fibrous Components	Non-Fibrous Components	Color	Texture
46	None Detected	35% Fibrous Glass 35% Cellulose	30%	Gray	Compressed
47	None Detected		100%	Tan	Mastic
48	None Detected	2% Fibrous Glass 5% Cellulose	93%	White	Compact
49	5% Chrysotile		95%	Black	Resinous
50 II	10% Chrysotile		90%	Black	Mastic
51	None Detected	35% Fibrous Glass 35% Cellulose	30%	Gray	Compressed
52A	None Detected	3% Cellulose	97%	White	Compact
<del>52B</del>	<del>None Detected</del>	<del>10% Cellulose</del>	<del>90%</del>	<del>White</del>	<del>Compact</del>
52C	None Detected	5% Cellulose	95%	White	Compact
53	None Detected	65% Fibrous Glass <1% Cellulose	35%	Gray	Compressed
53 II	None Detected		100%	Brown	Mastic
54 II	10% Chrysotile		90%	Black	Mastic
55	2% Chrysotile	60% Fibrous Glass <1% Cellulose	38%	Gray	Compressed
56	None Detected		100%	Multi- Colored	Compact

Analyzed By: Jon Yakish



Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of MICRO ANALYTICAL, INC.

**APPENDIX C**

**2012 SOIL BORING LOGS**



**APPENDIX C1**

**SUB-BASE BELOW CONCRETE FLOOR**

Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

Facility/Project Name <u>Connell</u>			License/Permit/Monitoring Number	Boring Number <u>HASS1</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>NICOLE</u> Last Name: <u>KRON</u>			Date Drilling Started <u>5/9/12</u> m m d d y y y y	Date Drilling Completed <u>5/9/12</u> m m d d y y y y
Firm: <u>Natural Resource Technology</u>			Drilling Method <u>Hand Auger</u>	
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
				Borehole Diameter <u>4</u> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location	
State Plane <u>N</u> E S/C/N			Lat <u>0</u> "	<input type="checkbox"/> N <input type="checkbox"/> E
<u>1/4</u> of <u>1/4</u> of Section <u>   </u> , T <u>   </u> , N, R <u>   </u> E/W			Long <u>0</u> "	<input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County	County Code	Civil Town/City/ or Village	

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/v)	RQD/ Comments
	<u>0.4'</u> <u>0.4'</u> (feet)			<u>0-0.4' Fill</u> <u>Poorly graded fine sand, tan brown, trace fine gravel, trace silt +</u>					
				<u>EOB @ 0.4'</u>					

*Nicole Kron*

Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

Facility/Project Name <u>Connell</u>			License/Permit/Monitoring Number		Boring Number <u>814552</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Nicole</u> Last Name: <u>Kron</u>			Date Drilling Started <u>5.9.12</u> m m d d y y y y	Date Drilling Completed <u>5.9.12</u> m m d d y y y y	Drilling Method <u>Hand Auger</u>
Firm: <u>NRT</u>			Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter <u>4</u> inches
Unique Well No.	Well ID No.	Well Name			
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N, _____ E S/C/N			Lat _____ "	<input type="checkbox"/> N <input type="checkbox"/> E	
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			Long _____ "	<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____ Feet	
Facility ID		County <u>Milwaukee Co</u>	County Code	Civil Town/City/ or Village <u>Oak Creek</u>	

Sample		Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
Number and Type	Length Att. & Recovered (in)								
	<u>0.4</u> <u>0.4</u>	(feet)	<u>0-0.4</u>	<u>FILL (sp) poorly graded fine moist Sand, trace silt, rapid NDK</u>					
				<u>EOB @ 0.4'</u>					

*Handwritten signature*



Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

Facility/Project Name <u>Connell</u>			License/Permit/Monitoring Number		Boring Number <u>HA-553</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Nicole</u> Last Name: <u>Kron</u> Firm: <u>NRT</u>			Date Drilling Started <u>5.9.12</u> m m d d y y y y	Date Drilling Completed <u>5.9.12</u> m m d d y y y y	Drilling Method <u>Hand Auger</u>
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <u>4</u> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N, _____ E S/C/N			Lat <u>0</u> ' "		<input type="checkbox"/> E
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W			Long <u>0</u> ' "		<input type="checkbox"/> S _____ Feet <input type="checkbox"/> W
Facility ID		County <u>Milwaukee Co</u>	County Code	Civil Town/City/ or Village <u>Oak Creek</u>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FTD (eV)	RQD/ Comments
	<u>0.3</u> <u>0.3</u> (feet)			<u>0-0.3</u> <u>FILL: (ML) silt, soft, wet, slow dilatency, low toughness, low plasticity (little ribboning), mostly silt, some well graded sand (fine to coarse sand) - subangular to sub rounded, fine gravel - subangular, little to trace lean clay, homogeneous</u> <hr/> <u>EOB @ 0.3'</u>					

*NDK*

Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDIC

Facility/Project Name <u>Connell</u>			License/Permit/Monitoring Number		Boring Number <u>HASS4</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Nicole</u> Last Name: <u>Kron</u>			Date Drilling Started <u>5.9.12</u> m m d d y y y y	Date Drilling Completed <u>5.9.12</u> m m d d y y y y	Drilling Method <u>Hand Auger</u>
Firm: <u>NRT</u>			Final Static Water Level Feet MSL		Surface Elevation Feet MSL
Unique Well No.	Well ID No.	Well Name	Borehole Diameter <u>4</u> inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N, _____ E S/C/N			Lat _____ ° _____ "	Feet <input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			Long _____ ° _____ "	Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
Facility ID		County <u>Milwaukee Co</u>	County Code	Civil Town/City/ or Village <u>Oak Creek</u>	

Number and Type	Length Alt. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
	<u>(0.4)</u> <u>(0.4)</u>	feet	0-0.4'	<u>FILL</u> grayish brown, (SP) poorly-graded very fine sand, trace silt, moist					
				<u>EOB @ 0.4'</u>					

Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

PAGE \_\_\_\_\_ of \_\_\_\_\_

Facility/Project Name <u>2095 Connell, Oak Creek</u>			License/Permit/Monitoring Number		Boring Number <u>HA-555</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>NICOLE</u> Last Name: <u>KRON</u> Firm: <u>2095 CONNELL NRT</u>			Date Drilling Started <u>5, 18, 12</u> m m d d y y y y	Date Drilling Completed <u>5, 18, 12</u> m m d d y y y y	Drilling Method <u>Hand Agar</u>
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <u>0.1</u> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N, _____ E S/C/N			Lat. <u>0</u> ' "	<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W			Long <u>0</u> ' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County	County Code	Civil Town/City/ or Village	

Sample	Number and Type	Length Att. & Recovered (ft)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/v)	RQD/ Comments
		<u>0.1'</u> <u>0.4'</u>			<u>0-0.1'</u> <u>Fill (104R 5/2) grayish brown lean clay (slow dilatency, low toughness, <sup>low</sup> plasticity) trace fine sand (subrounded), trace fine gravel (subangular to subrounded) "Chemical-like" odor</u>					
					<u>EOB - @ <del>0.4'</del> 0.4'</u>					

*Neil K...*



Project #: 2095 Task#: \_\_\_\_\_  
 Employee ID: NDK

Facility/Project Name <u>2095 Connell, Oak Creek</u>			License/Permit/Monitoring Number	Boring Number <u>HA-556</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>NICOLE</u> Last Name: <u>KRON</u>			Date Drilling Started <u>5, 18, 12</u> m m d d y y y y	Date Drilling Completed <u>5, 18, 12</u> m m d d y y y y
Firm: <u>NRT</u>			Drilling Method <u>Hand</u> <u>Agar</u>	
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location	
State Plane _____ N, _____ E S/C/N			<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			Lat _____ Long _____	
Facility ID	County	County Code	Civil Town/City/ or Village	

Number and Type	Length Air. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (el)	RQD/ Comments
	<u>0.4'</u> <u>0.4'</u>	(feet)		<u>0-0.4'</u> <u>Fill (10YR5/4) yellowish brown</u> <u>lean clay (slow dilatency, low</u> <u>toughness, low plasticity), Trace</u> <u>silt, little well graded sand</u> <u>(mostly coarse &amp; fine) - subrounded,</u> <u>trace gravel - subangular, moist to</u> <u>wet</u>					
				<u>EOB @ 0.4'</u>					

*And K*

Project #: \_\_\_\_\_ Task#: \_\_\_\_\_  
 Employee ID: \_\_\_\_\_

PAGE \_\_\_\_\_ of \_\_\_\_\_

Facility/Project Name <b>2095 Connell</b>			License/Permit/Monitoring Number		Boring Number <b>HA-557</b>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <b>NPK</b> Last Name: _____ Firm: <b>NRT</b>			Date Drilling Started <b>5, 18, 12</b> m m d d y y y y	Date Drilling Completed <b>5, 18, 12</b> m m d d y y y y	Drilling Method <b>Hand Auger</b>
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E S/C/N			Lat. 0 ' "	Local Grid Location	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W			Long. 0 ' "	<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County	County Code	Civil Town/City/ or Village		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/v)	RQD/ Comments
	0.4' (feet) 0.4'			0-0.4' FILL (CL) 104R 4/4 <sup>hard</sup> yellowish brown lean clay, low dilatancy, low toughness, med. plasticity, Trace silt, trace fine subangular gravel, Trace fine PG subrounded sand.					
				EOR					

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Project #: \_\_\_\_\_ Task #: \_\_\_\_\_

Employee ID: \_\_\_\_\_

PAGE \_\_\_\_ of \_\_\_\_

Facility/Project Name <b>2015 Conneel</b>			License/Permit/Monitoring Number			Boring Number <b>M-558</b>		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <b>NDK</b> Last Name: _____ Firm: <b>NRT</b>			Date Drilling Started <b>5/18/12</b> m m d d y y y y			Date Drilling Completed <b>5/18/12</b> m m d d y y y y		
Unique Well No.			Well ID No.			Well Name		
Final Static Water Level Feet MSL			Surface Elevation Feet MSL			Borehole Diameter inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			State Plane _____ N. _____ E S/C/N			Local Grid Location		
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W _____			Lat _____ 0 ' "			Long _____ 0 ' "		
Facility ID			County			County Code		
						Civil Town/City/ or Village		

Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/v)	RQD/ Comments
	0.4 / 0.4	(feet)		<p>0-0.4' <u>FILL</u> 101B                      SW (SP)cl 4/2 dark gray sh                      brown                      Poorly graded fine (subrounded)                      Sand, some lean clay                      (slow D, Low T, Low Plast.)                      Trace silt, Trace gravel                      (mostly fine, trace medium)                      "Chemicals" like odor p</p>					
EDB									

*[Handwritten signature]*



Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

PAGE \_\_\_\_\_ of \_\_\_\_\_

Facility/Project Name <u>2095 Connell, Oak Creek</u>			License/Permit/Monitoring Number _____		Boring Number <u>HA-560</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Nicole</u> Last Name: <u>Klan</u> Firm: <u>NRT</u>			Date Drilling Started <u>5, 18, 12</u> m m d d y y y y	Date Drilling Completed <u>5, 18, 12</u> m m d d y y y y	Drilling Method <u>Hand Agar</u>
Unique Well No.	Well ID No.	Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter _____ inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N, _____ E S/C/N			Lat _____ ° ' "	<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			Long _____ ° ' "	<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County	County Code	Civil Town/City/ or Village		

Sample		Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
Number and Type	Length Alt. & Recovered (in)								
	<u>0.4'</u> <u>0.4'</u>	(feet)	0-0.4'	<u>FILL (10YR<sup>7/4</sup>) dark dark yellowish brown lean clay (slow dilatancy, low toughness, &amp; medium plasticity), trace silt, trace fine subrounded gravel, "Chemical-like" Odor</u>					
			EOB @ 0.4'						

*Nicole Klan*

Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

Facility/Project Name <u>2095, Connell Wabash Alloys</u>			License/Permit/Monitoring Number _____		Boring Number <u>HA-561</u>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Nicole</u> Last Name: <u>Kron</u>			Date Drilling Started <u>5/18/12</u> m m d d y y y y		Date Drilling Completed <u>5/18/12</u> m m d d y y y y	
Firm: <u>NRT</u>			Final Static Water Level _____ Feet MSL		Surface Elevation _____ Feet MSL	
Unique Well No.		Well ID No.		Well Name		Borehole Diameter <u>4</u> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Lat <u>0</u> ' "		Local Grid Location	
State Plane _____ N, _____ E S/C/N			Long <u>0</u> ' "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			County _____		County Code _____	
Facility ID _____			County Code _____		Civil Town/City/ or Village _____	

Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
	<u>0.4'</u> <u>0.4'</u>			<u>0-0.4'</u> <u>Fill (10YR 4/4) dark yellowish Brown</u> <u>Lean clay (slow dilatency, low toughness, low plasticity), with poorly graded fine sand (subrounded to rounded), trace silt, trace fine gravel (subrounded to subangular)</u>					
				<u>EOB (End of Boring) @ 0.4'</u>					

*Nicole Kron*

Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

Facility/Project Name <u>2095 Connell, Oak Creek</u>			License/Permit/Monitoring Number		Boring Number <u>HA-562</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: _____ Last Name: _____ Firm: _____			Date Drilling Started <u>5.18.12</u> m m d d y y y y	Date Drilling Completed <u>5.18.12</u> m m d d y y y y	Drilling Method <u>Hand Agar</u>
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N. _____ E S/C/N			Lat. <u>0</u> " "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W			Long. <u>0</u> " "	Feet _____	
Facility ID	County	County Code	Civil Town/City/ or Village		

Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
	<u>0.4'</u> <u>0.4'</u>			<u>0-0.4'</u> <u>FILL (10YR 4/4) dark yellowish brown lean clay (slow dilatency, low toughness, low plasticity), trace silt, trace fine subangular gravel, and little fine poorly graded sand moist</u>					
				<u>EOB</u>					

NDK



Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

Facility/Project Name <u>2095 Connell, Oak Creek</u>			License/Permit/Monitoring Number _____		Boring Number <u>HA-563</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>NICOLE</u> Last Name: <u>KRON</u> Firm: <u>NRT</u>			Date Drilling Started <u>5.18.12</u> m m d d y y y y	Date Drilling Completed <u>5.18.12</u> m m d d y y y y	Drilling Method <u>Hand Auger</u>
Unique Well No.	Well ID No.	Well Name	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL	Borehole Diameter _____ inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			State Plane _____ N, _____ E S/C/N		Local Grid Location
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W			Lat _____ ° ' "	Long _____ ° ' "	<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County	County Code	Civil Town/City/ or Village		

Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
	<u>0.4'</u> <u>0.4'</u> (feet)			<u>0-0.4'</u> <u>FILL (10YR 4/2) dark grayish brown,</u> <u>SP poorly graded very fine sand</u> <u>trace silt &amp; subangular gravel</u> <u>(fine), moist to wet</u>  <u>EDB- 0.4'</u>					

*Nicole Kron*

Project #: \_\_\_\_\_ Task #: \_\_\_\_\_  
 Employee ID: \_\_\_\_\_

Facility/Project Name <b>2095 Conneel</b>			License/Permit/Monitoring Number		Boring Number <b>HA-564</b>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <b>NDK</b> Last Name: _____ Firm: <b>NRT</b>			Date Drilling Started <b>5/18/12</b> m m d d y y y y	Date Drilling Completed <b>5/18/12</b> m m d d y y y y	Drilling Method <b>Hand Auger</b>
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane _____ N. _____ E S/C/N			Lat 0 ' "	<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W			Long 0 ' "	<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County	County Code	Civil Town/City/ or Village		

Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/v)	RQD/ Comments
	0.4' 0.4'	(Feet)		0-0.4' FILL (Pa) <sup>10412</sup> <sub>6/2</sub> light brownish gray Poorly graded Very fine (rounded) Sand. some lean clay (5% sil., Low toughness, med plast.), Trace silt					
				EOP					

*NDK*

**APPENDIX C2**

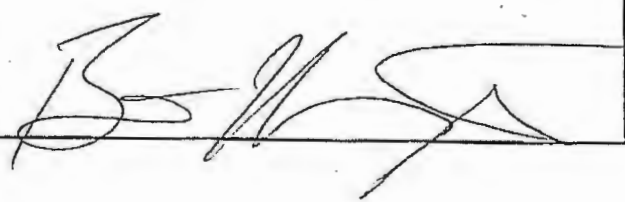
**TRANSFORMER AREA (INCLUDING ABANDONMENT  
FORMS)**



Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: BCA

Facility/Project Name <u>Connell</u>			License/Permit/Monitoring Number	Boring Number <u>HA-500</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Brian</u> Last Name: <u>Hennings</u> Firm: <u>On-site Environmental Natural Resource Tech.</u>			Date Drilling Started <u>5. 8. 12</u> m m d d y y y y	Date Drilling Completed <u>5. 8. 12</u> m m d d y y y y
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated) or Boring Location <input checked="" type="checkbox"/> State Plane <u>2575719.24 N, 2575719.24 E</u> S/C/N 1/4 of <u>32.7628.92</u> 1/4 of Section _____ T _____ N, R _____ E/W			Lat <u>0</u> ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County <u>Milwaukee Co.</u>	County Code	Civil Town/City/ or Village <u>Oak Creek</u>	



Sample		Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID(ell)	RQD/ Comments
Number and Type	Length Att. & Recovered (in)								
	<u>12/12</u>			<u>HA-500 5/8/12 11:00</u>					
	<u>6/6</u>			<u>0-1.5 Well graded sand and gravel Fill ~ 5% clay 7.5 YR 5/3 brown sheen and odor (mineral oil-like) Saturated</u>					<u>3-inches water in hole after 0-1, Hard sampling lead to 6-inch intervals after 0-1.</u>
	<u>6/6</u>			<u>1.5-2.5 lean clay Fill 7.5 YR 5/3 brown, wet, sheen &amp; odor</u>					
	<u>6/6</u>			<u>2.5-4.0 lean clay Fill 7.5 YR 4/2 brown mottled ~ 20% gray and black, no sheen odors still present. core is coated with water from above</u>					
	<u>6/6</u>			<u>@ 3.5 feet 1" diameter piece of hardened creosote glassy naphtha odors are also present around the creosote.</u>					
	<u>6/6</u>			<u>Refusal @ 4.0 feet.</u>					



Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: SGH

Facility/Project Name <u>Connell</u>			License/Permit/Monitoring Number	Boring Number <u>HA-501</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Duffy Brian</u> Last Name: <u>Hennings</u>			Date Drilling Started <u>5. 8. 12</u> m m d d y y y y	Date Drilling Completed <u>5. 8. 12</u> m m d d y y y y
Firm: <u>Natural Resource Technology</u>			Drilling Method <u>Hand Auger</u>	
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>			Local Grid Location	
State Plane <u>327634.52</u> N, <u>2575681.77</u> E/S/W			Lat <u>0</u> ' "	<input type="checkbox"/> N <input type="checkbox"/> E
1/4 of _____ 1/4 of Section _____ T N, R E/W			Long <u>0</u> ' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County <u>Milwaukee Co.</u>	County Code	Civil Town/City/ or Village <u>Dak Creek</u>	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic LOG	Well Diagram	PID/FID (eV)	RQD/ Comments
					5/8/12 10:00					
	0-1	1 1/2			0-0.5 Well graded <u>Sand Fill</u> with clay, trace coarse and fine angular gravel Portions of core have sheen*					See location notes on back. * sheen appears as clear oily residue on soil
	1-2	12/12			0.5-3 lean clay <u>Fill</u> 7.5YR 9/3 brown. trace fine gravel, trace sheen*, faint odor from 0.5-3 odor is like oil or chemical-like. moist					
	2-3	12/12			1-3 ~ 30% mottled black					
	3-4	12/12			3-5 lean clay <u>Fill?</u> 7.5YR 4/2 brown trace organic material (roots) and fine gravel.					
	4-4.5	6/6			3-4 same odor as above w/sheen 3-3.25 sheen very evident.					
	4.5-5.0	6/6			4-5 frequent sloughing in the bore hole sampled 4.5-5.0 b/c we felt confident of the origin.					
					EOB @ 5.0					

Sample		Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	RQD/ Comments
Number and Type	Length Att. & Recovered (in)								
				<p>Planned location was on a concrete pad beneath the transformers. Moved boring off Pad to the north.</p> <p>Ground surface inside the fence around the transformers was approximately 3-inches of crushed gravel underlain by a geotextile fabric. Soils are found below the fabric.</p>					
									



Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NDK

5-11-12 NDK  
 PAGE 1 of 1

Facility/Project Name <b>Connell</b>			License/Permit/Monitoring Number		Boring Number <b>5062 10:58</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <b>Dusty</b> Last Name: <b>Harney</b>			Date Drilling Started <b>5/11/12</b> m m d d y y y y		Date Drilling Completed <b>5/11/12</b> m m d d y y y y	
Firm: <b>Onsite Environmental</b>			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Unique Well No.	Well ID No.	Well Name	Borehole Diameter <b>2</b> inches			
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>			Local Grid Location			
State Plane <b>3276 49.07</b> N, <b>25 75 108.78</b> E <b>S/C/N</b>			Lat <b>0</b> ' "		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____, T _____ N, R _____ E/W			Long <b>0</b> ' "		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County	County Code	Civil Town/City/ or Village		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/v)	RQD/ Comments
	<b>2.4</b>			<b>SBS07</b> <b>5/11/12</b> <b>10:58</b>					
	<b>5.0</b>			<p>0. - 0.9' <sup>NDK</sup> Concrete Concrete</p> <p>0.9 - 5.0' Fill 10YR 3/2 L-M Toughness            Cl Firm to hard S Dilatance            Trace Sa Fine Sand L plasticity</p> <p><del>3.5 - 3.7</del> <b>NDK</b></p> <p>1.5 - 1.95 Sheen <del>3.5 - 3.7</del> <b>NDK</b></p> <p>3.5 2" Rock</p> <p>5.0 - EOB</p>				<b>ROAD PR PRESENT</b>	
<i>[Signature]</i>									

Facility/Project Name <b>Connell</b>			License/Permit/Monitoring Number		Boring Number <b>SB 503</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <b>Dusty</b> Last Name: <b>Hamey</b>			Date Drilling Started <b>5/11/12</b>		Date Drilling Completed <b>5/11/12</b>	
Firm: <b>Onsite Environmental</b>			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Unique Well No.		Well ID No.		Well Name		Borehole Diameter <b>2</b> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>			Lat <u>0</u> ' "		Local Grid Location	
State Plane <b>327650.33 N, 2575135.00 E S/C/N</b>			Long <u>0</u> ' "		Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of _____		1/4 of Section _____		T _____ N, R _____ E/W		
Facility ID		County		County Code		Civil Town/City/ or Village

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
	<b>295</b> <b>5.0</b>	<b>(feet)</b>		<b>SB503 5/11/12 0930</b>					
				<p>0-0.45 Concrete</p> <p>0.45-5.0 FILL</p> <p>0.45-1.4 FILL: <sup>grayish 10YR(3/2)</sup>            Very dark brown (CL)            lean clay, trace poorly graded fine sand (subrounded)            Trace fine gravel, moist little silt</p> <p>1.4-4.0 FILL            Dark yellowish brown (PE) poorly graded fine sand (subrounded), little lean clay, moist, trace fine gravel decreasing sand with depth</p> <p>@ 4.0<sup>#</sup> Black 10YR (2/1) staining &amp; Creosote flakes (glassy luster), (1 inch thickness)</p> <p>4-5.0 FILL: dark yellowish brown 10YR(4/4) (ML) silt, some PG fine sand, coarse sand down</p> <p>@ 4.5 Black 10YR(2/1) staining (Hardened Creosote)</p> <p>@ 4.8-5.0 WE (fine to coarse) subangular to subrounded  <del>no PG fine</del></p> <p>EOB @ 5.0</p>					

*NDK*

Project #: 2095 / ~~2095~~ Task #: \_\_\_\_\_  
 Employee ID: NDK / BAH

Facility/Project Name Connell		License/Permit/Monitoring Number 5-11-12		Boring Number 504 10:02	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dusty Last Name: Hamsey Firm: Onsite Environmental			Date Drilling Started 5.11.12 m m d d y y y y	Date Drilling Completed 5.11.12 m m d d y y y y	Drilling Method Direct Push
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/> State Plane 327617.58 N, 3275731.06 E S/C/N 1/4 of 1/4 of Section T N, R E/W			Lat 0 0 "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County	County Code	Civil Town/City/ or Village		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (eV)	RQD/ Comments
	3.5 5.0	(feet)		SB504 5-11-12 10:02					
				0-1.2 Concrete Concrete					
				1.2-5.0 Fill 10YR 4/2 <sup>50 LITH</sup> Cl, fine sand, fine gravel					Odor present 1.2-4.8
				1.4-1.89 Sheen present <del>kernel (p. 3.2-4.12)</del>					4.8 Faint to no odor
				3.0 Sheen present					odor Chemical-li odor?
				EOB @ 5' (A)					

*Handwritten signature*



Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: NOK/BGH

Facility/Project Name <b>Connell</b>			License/Permit/Monitoring Number		Boring Number <b>504 cont.</b>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <b>Dusty</b> Last Name: <b>Harney</b>			Date Drilling Started <b>5/11/12</b> m m d d y y y y	Date Drilling Completed <b>5/11/12</b> m m d d y y y y	Drilling Method <b>Direct Push</b>
Firm: <b>Onsite Environmental D</b>			Final Static Water Level Feet MSL		Surface Elevation Feet MSL
Unique Well No.	Well ID No.	Well Name	Borehole Diameter inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>			Local Grid Location		
State Plane <b>327617.58</b> N, <b>2575731.06</b> E <input checked="" type="checkbox"/> S/C/N			Lat <b>0</b> "	<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W			Long <b>0</b> "	Feet <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W _____	
Facility ID		County	County Code	Civil Town/City/ or Village	

Number and Type	Length Air. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/V)	RQD/ Comments
	3.9 4.0 5.0			SB504 5/11/12 10:02 0-5 see NOK log. 5-10 <del>to</del> lean clay moist <del>to wet</del> 10YR 4/2 trace sand. from 5 to 7 feet chemical-like odor is present in core sample when clay is broken open. 7 to 10 feet odor is <del>very faint, if present at all.</del> not present in blue core. used paper towel to wipe water off of core prior to sampling. BOB @ 10 feet.					Borehole wet from 6 inches down. core wet on outside <del>of</del> chemical- like odor present in water.

Project #: 2095 Task #: \_\_\_\_\_  
 Employee ID: 9045 NDK

Facility/Project Name <u>Connell</u>			License/Permit/Monitoring Number	Boring Number <u>507505 10:16</u>
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Dusty</u> Last Name: <u>Hamey</u>			Date Drilling Started <u>5/11/12</u> m m d d y y y y	Date Drilling Completed <u>5/11/12</u> m m d d y y y y
Firm: <u>Onsite Environmental</u>			Drilling Method <u>Direct Push</u>	
Unique Well No.	Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/> State Plane <u>227664.58</u> N. <u>2575699.51</u> E <input checked="" type="checkbox"/> S <input type="checkbox"/> N			Lat <u>0</u> ' "	Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W
1/4 of _____ 1/4 of Section _____ T _____ N, R _____ E/W _____			Long <u>0</u> ' "	Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID	County	County Code	Civil Town/City/ or Village	

Number and Type	Length Att. & Recovered (in)	Blow Counts lb. HAMMER	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (e/v)	ROD/ Comments
	<u>3.85</u> <u>5.0</u>			<u>SB505 5/11/12 10:16</u>					
				0-0.5 Topsoil Black 10YR 2/1					
				0.5-1.2 <del>Concrete</del> Concrete					
				1.2-5.0 Fill 10YR 3/2, very dark grayish brown CL, Trace fine sand					
				2.5 harden <del>kerasote</del> <sup>Creosote</sup> Black 10YR 2/1 glassy/lustrous "Naphtha" odor present ( <del>HTH</del> -like odor)					
				3.0 <del>kerasote</del> <sup>Creosote</sup> harden pieces " present Naphtha-like odor present					
				3-4.9 <del>kerasote</del> <sup>Creosote</sup> harden pieces (Little to few) Wet grading ( <del>e</del> → increasing fine to med) gravel					
				4.8 - no odor present					
				5.0-FOB					

*[Handwritten signature]*

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

Route to:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>Milwaukee</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>Former Wabash Alloys</b>	
Latitude / Longitude (Degrees and Minutes)		Method Code (see instructions)		Facility ID (FID or PWS)		License/Permit/Monitoring #	
Section		Township		Range <input type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner	
Gov't Lot #		N		Present Well Owner <b>Connell, Limited Partnership</b>		Mailing Address of Present Owner	
Street Address <b>4100 South 5th Avenue</b>				City of Present Owner			
City, Village or Town <b>Jak Creek, WI</b>				Well ZIP Code		State      ZIP Code	
Subdivision Name				Lot #			

Reason For Removal From Service <b>Borehole Complete</b>		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			
Well / Drillhole / Borehole Information		Original Construction Date (mm/dd/yyyy) <b>5-11-12</b>		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
				If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Sealing Type:		Required Method of Placing Sealing Material	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
Well Depth From Ground Surface (ft.) <b>5.0</b>		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Casing Diameter (in.) <b>N/A</b>		Sealing Materials	
Lower Drillhole Diameter (in.) <b>2.0</b>		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
Casing Depth (ft.) <b>N/A</b>		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips	
To what depth (feet)?		For Monitoring Wells and Monitoring Well Boreholes Only:	
Depth to Water (feet)		<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>Bentonite chips</b>	Surface	<b>5.0</b>	<b>1/4 Sack</b>	

Comments: **Location ID: SB 5062**      *Abandonment forms completed because boreholes intersect shallow groundwater*

Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Environmental Resource Technology</b>	License #	Date of Filling & Sealing (mm/dd/yyyy) <b>6-4-2012</b>	Date Received	Noted By
Street or Route <b>73713 West Paul Road</b>		Telephone Number	Comments	
City <b>Milwaukee</b>	State <b>WI</b>	ZIP Code <b>53072</b>	Signature of Person Doing Work <i>Neil Kun</i>	Date Signed <b>6-1-12</b>



Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County: Milwaukee      WI Unique Well # of Removed Well: \_\_\_\_\_      Hicap #: \_\_\_\_\_

Latitude / Longitude (Degrees and Minutes): \_\_\_\_\_ ' N  
\_\_\_\_\_ ' W

Method Code (see instructions): \_\_\_\_\_

Section: \_\_\_\_\_ Township: N Range: \_\_\_\_\_  E  W

Well Street Address: 9100 South 5th Avenue

Well City, Village or Town: Oak Creek, WI      Well ZIP Code: \_\_\_\_\_

Subdivision Name: \_\_\_\_\_ Lot #: \_\_\_\_\_

Facility Name: Former Wabash Alloys

Facility ID (FID or PWS): \_\_\_\_\_

License/Permit/Monitoring #: \_\_\_\_\_

Original Well Owner: \_\_\_\_\_

Present Well Owner: Connell, Limited Partnership

Mailing Address of Present Owner: \_\_\_\_\_

City of Present Owner: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Reason For Removal From Service: Borehole Complete      WI Unique Well # of Replacement Well: \_\_\_\_\_

**Well / Drillhole / Borehole Information**

Monitoring Well       Water Well       Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 5-11-12

If a Well Construction Report is available, please attach: \_\_\_\_\_

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): Direct Push

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.): 5.0      Casing Diameter (in.): n/a

Inner Drillhole Diameter (in.): 2.0      Casing Depth (ft.): n/a

Was well annular space grouted?  Yes  No  Unknown

Yes, to what depth (feet)? \_\_\_\_\_      Depth to Water (feet): \_\_\_\_\_

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?  Yes  No  N/A

Liner(s) removed?  Yes  No  N/A

Screen removed?  Yes  No  N/A

Casing left in place?  Yes  No  N/A

Was casing cut off below surface?  Yes  No  N/A

Did sealing material rise to surface?  Yes  No  N/A

Did material settle after 24 hours?  Yes  No  N/A

If yes, was hole retopped?  Yes  No  N/A

If bentonite chips were used, were they hydrated with water from a known safe source?  Yes  No  N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Clay-Sand Slurry (11 lb./gal. wt.)

Sand-Cement (Concrete) Grout       Bentonite-Sand Slurry " "

Concrete       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Bentonite chips</u>	<u>Surface</u>	<u>5.0</u>	<u>1/4 Sack</u>	

Comments: Location ID: SB503      Abandonment forms completed because boreholes intersect shallow groundwater

**Supervision of Work**

Name of Person or Firm Doing Filling & Sealing: Natural Resource Technology      License #: \_\_\_\_\_      Date of Filling & Sealing (mm/dd/yyyy): 6-4-2012

Address or Route: 23713 West Paul Road      Telephone Number: \_\_\_\_\_      Comments: \_\_\_\_\_

City: Pewaukee      State: WI      ZIP Code: 53072      Signature of Person Doing Work: Mike K      Date Signed: 6-1-12

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:  
 Drinking Water     Watershed/Wastewater     Remediation/Redevelopment  
 Waste Management     Other: \_\_\_\_\_

**1. Well Location Information**

County: Milwaukee    WI Unique Well # of Removed Well: \_\_\_\_\_    Hicap #: \_\_\_\_\_

Latitude / Longitude (Degrees and Minutes): \_\_\_\_\_ 'N  
 \_\_\_\_\_ 'W

Method Code (see instructions): \_\_\_\_\_

Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  E  W

Gov't Lot #: \_\_\_\_\_

Street Address: 9100 South 5th Avenue

City, Village or Town: Pak Creek, WI    Well ZIP Code: \_\_\_\_\_

Subdivision Name: \_\_\_\_\_    Lot #: \_\_\_\_\_

**2. Facility / Owner Information**

Facility Name: Former Wabash Alloys

Facility ID (FID or PWS): \_\_\_\_\_

License/Permit/Monitoring #: \_\_\_\_\_

Original Well Owner: \_\_\_\_\_

Present Well Owner: Connell, Limited Partnership

Mailing Address of Present Owner: \_\_\_\_\_

City of Present Owner: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Reason For Removal From Service: Borehole Complete    WI Unique Well # of Replacement Well: \_\_\_\_\_

**Well / Drillhole / Borehole Information**

Monitoring Well    Original Construction Date (mm/dd/yyyy): 5-11-12  
 Water Well    If a Well Construction Report is available, please attach.  
 Borehole / Drillhole

Construction Type:  
 Drilled     Driven (Sandpoint)     Dug  
 Other (specify): Direct Push

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?  Yes  No  N/A

Liner(s) removed?  Yes  No  N/A

Screen removed?  Yes  No  N/A

Casing left in place?  Yes  No  N/A

Was casing cut off below surface?  Yes  No  N/A

Did sealing material rise to surface?  Yes  No  N/A

Did material settle after 24 hours?  Yes  No  N/A  
 If yes, was hole retopped?  Yes  No  N/A

If bentonite chips were used, were they hydrated with water from a known safe source?  Yes  No  N/A

Formation Type:  
 Unconsolidated Formation     Bedrock

Well Depth From Ground Surface (ft.): 5.0    Casing Diameter (in.): na

Lower Drillhole Diameter (in.): 2.0    Casing Depth (ft.): na

Was well annular space grouted?  Yes  No  Unknown

Depth to what depth (feet)? \_\_\_\_\_    Depth to Water (feet): \_\_\_\_\_

Required Method of Placing Sealing Material:  
 Conductor Pipe-Gravity     Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)     Other (Explain): \_\_\_\_\_

Sealing Materials:  
 Neat Cement Grout     Clay-Sand Slurry (11 lb./gal. wt.)  
 Sand-Cement (Concrete) Grout     Bentonite-Sand Slurry " "  
 Concrete     Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:  
 Bentonite Chips     Bentonite - Cement Grout  
 Granular Bentonite     Bentonite - Sand Slurry

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Bentonite chips</u>	Surface	<u>10</u>	<u>1/2 sack</u>	

Comments: Location ID: SB-504    Abandonment forms completed because boreholes intersect shallow groundwater

**Supervision of Work**

Name of Person or Firm Doing Filling & Sealing: <u>Rural Resource Technology</u>	License #: _____	Date of Filling & Sealing (mm/dd/yyyy): <u>6-4-12</u>	Date Received: _____	Noted By: _____
Address or Route: <u>23713 West Paul Road</u>	Telephone Number: _____	Comments: _____		
City: <u>Pewaukee</u>	State: <u>WI</u>	ZIP Code: <u>53072</u>	Signature of Person Doing Work: <u>[Signature]</u>	Date Signed: <u>6-1-12</u>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to:

Drinking Water

Watershed/Wastewater

Remediation/Redevelopment

Waste Management

Other: \_\_\_\_\_

**1. Well Location Information** **2. Facility / Owner Information**

County: Milwaukee WI Unique Well # of Removed Well: \_\_\_\_\_ Hicap #: \_\_\_\_\_

Latitude / Longitude (Degrees and Minutes): \_\_\_\_\_ 'N  
\_\_\_\_\_ 'W

Method Code (see instructions): \_\_\_\_\_

Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range:  E  W

or Gov't Lot #: \_\_\_\_\_

Well Street Address: 9100 South 5<sup>th</sup> Avenue

Well City, Village or Town: Oak Creek, WI Well ZIP Code: \_\_\_\_\_

Subdivision Name: \_\_\_\_\_ Lot #: \_\_\_\_\_

Facility Name: Former Wabash Alloys

Facility ID (FID or PWS): \_\_\_\_\_

License/Permit/Monitoring #: \_\_\_\_\_

Original Well Owner: \_\_\_\_\_

Present Well Owner: Connell, Limited Partnership

Mailing Address of Present Owner: \_\_\_\_\_

City of Present Owner: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Reason For Removal From Service: Borehole Complete WI Unique Well # of Replacement Well: \_\_\_\_\_

**4. Pump, Liner, Screen, Casing & Sealing Material**

Pump and piping removed?  Yes  No  N/A

Liner(s) removed?  Yes  No  N/A

Screen removed?  Yes  No  N/A

Casing left in place?  Yes  No  N/A

Was casing cut off below surface?  Yes  No  N/A

Did sealing material rise to surface?  Yes  No  N/A

Did material settle after 24 hours?  Yes  No  N/A

If yes, was hole relapped?  Yes  No  N/A

If bentonite chips were used, were they hydrated with water from a known safe source?  Yes  No  N/A

**Well / Drillhole / Borehole Information**

Monitoring Well  Water Well  Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 5-11-2012

If a Well Construction Report is available, please attach: \_\_\_\_\_

Construction Type:

Drilled  Driven (Sandpoint)  Dug

Other (specify): Direct Push

Required Method of Placing Sealing Material

Conductor Pipe-Gravity  Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)  Other (Explain): \_\_\_\_\_

Formation Type:

Unconsolidated Formation  Bedrock

Sealing Materials

Neat Cement Grout  Clay-Sand Slurry (11 lb./gal. wt.)

Sand-Cement (Concrete) Grout  Bentonite-Sand Slurry "

Concrete  Bentonite Chips

Total Well Depth From Ground Surface (ft.): 5.0 Casing Diameter (in.): n/a

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips  Bentonite - Cement Grout

Granular Bentonite  Bentonite - Sand Slurry

Lower Drillhole Diameter (in.): 2.0 Casing Depth (ft.): n/a

Was well annular space grouted?  Yes  No  Unknown

yes, to what depth (feet)? \_\_\_\_\_ Depth to Water (feet): \_\_\_\_\_

Material Used To Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<u>Bentonite chips</u>	<u>Surface</u>	<u>5.0</u>	<u>1/4 Sack</u>	

Comments: Location ID: SBS05 Abandonment forms completed because boreholes intersect shallow groundwater

Supervision of Work

Name of Person or Firm Doing Filling & Sealing: Natural Resource Technology License #: \_\_\_\_\_ Date of Filling & Sealing (mm/dd/yyyy): 10-4-2012

Address or Route: 23713 West Paul Road Telephone Number: \_\_\_\_\_ Comments: \_\_\_\_\_

City: Pewaukee State: WI ZIP Code: 53072 Signature of Person Doing Work: Neil Kim Date Signed: 10-1-12



**APPENDIX D**

**2012 PCB CONCRETE ANALYTICAL DATA**



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

25 May 2012

Julie Zimdars

Natural Resource Technology Inc

23713 West Paul Road, Unit D

Pewaukee, WI 53072

RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are revised analytical results for the samples received by the laboratory on 05/14/2012 17:00 through 05/15/2012 16:05.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser

Project Manager

**Certification List**

**Expires**

ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2012
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2012
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

### Revised Report

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FC-551 1/4-3/4	A122004-01	Concrete	05/14/2012	05/14/2012
FC-551 1-1 1/2	A122004-02	Concrete	05/14/2012	05/14/2012
FC-551 1 3/4-2 1/4	A122004-03	Concrete	05/14/2012	05/14/2012
FC-554 1/4-3/4	A122004-04	Concrete	05/14/2012	05/14/2012
FC-554 1-1 1/2	A122004-05	Concrete	05/14/2012	05/14/2012
FC-554 1 3/4-2 1/4	A122004-06	Concrete	05/14/2012	05/14/2012
FC-552 1/4-3/4	A122004-07	Concrete	05/10/2012	05/14/2012
FC-552 1-1 1/2	A122004-08	Concrete	05/10/2012	05/14/2012
FC-552 1 3/4-2 1/4	A122004-09	Concrete	05/10/2012	05/14/2012
FC-553 1/4-3/4	A122004-10	Concrete	05/10/2012	05/14/2012
FC-553 1-1 1/2	A122004-11	Concrete	05/10/2012	05/14/2012
FC-553 1 3/4-2 1/4	A122004-12	Concrete	05/10/2012	05/14/2012
WC-570	A122004-13	Concrete	05/10/2012	05/14/2012
WC-571	A122004-14	Concrete	05/10/2012	05/14/2012
FC 558 1/4-3/4	A122007-01	Concrete	05/14/2012	05/15/2012
FC 558 1-1 1/2	A122007-02	Concrete	05/14/2012	05/15/2012
FC 559 0-1/2	A122007-03	Concrete	05/15/2012	05/15/2012
FC 559 3/4-1 1/4	A122007-04	Concrete	05/15/2012	05/15/2012
FC 561 1/4-3/4	A122007-05	Concrete	05/15/2012	05/15/2012
FC 561 1-1 1/2	A122007-06	Concrete	05/15/2012	05/15/2012
FC 562 0-1/2	A122007-07	Concrete	05/15/2012	05/15/2012
FC 562 3/4-1 1/4	A122007-08	Concrete	05/15/2012	05/15/2012
FC 563 1/4-3/4	A122007-09	Concrete	05/15/2012	05/15/2012
FC 563 1-1 1/2	A122007-10	Concrete	05/15/2012	05/15/2012
FC 564 1/4-3/4	A122007-11	Concrete	05/15/2012	05/15/2012
FC 564 1-1 1/2	A122007-12	Concrete	05/15/2012	05/15/2012
FC 565 1/4-3/4	A122007-13	Concrete	05/15/2012	05/15/2012
FC 565 1-1 1/2	A122007-14	Concrete	05/15/2012	05/15/2012
DUP4	A122007-15	Concrete	05/15/2012	05/15/2012
FC 555 1/4-3/4	A122007-16	Concrete	05/14/2012	05/15/2012
FC 555 1-1 1/2	A122007-17	Concrete	05/14/2012	05/15/2012





2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

### Revised Report

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

Reported:  
05/25/2012

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FC 555 1 3/4-2 1/4	A122007-18	Concrete	05/14/2012	05/15/2012
FC 556 1/4-3/4	A122007-19	Concrete	05/14/2012	05/15/2012
<del>FC 557 0-1/2</del>	A122007-20	Concrete	05/14/2012	05/15/2012
FC 557 3/4-1 1/4	A122007-21	Concrete	05/14/2012	05/15/2012
FC 560 1/4-3/4	A122007-22	Concrete	05/14/2012	05/15/2012
FC 560 1-1 1/2	A122007-23	Concrete	05/14/2012	05/15/2012
FC 560 1 3/4-2 1/4	A122007-24	Concrete	05/14/2012	05/15/2012

#### Reason for Revised Report

This report was revised to change the report matrix from soil to concrete. This report should replace A122004, A122007 FINAL 05 22 2012 0933.



2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-551 1/4-3/4**  
**A122004-01 (Concrete)**

Date Sampled  
 05/14/2012 15:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
<b>PCB-1248</b>	<b>2.0</b>	0.0054	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
<b>PCB-1254</b>	<b>1.2</b>	0.0045	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
<b>Total PCBs</b>	<b>3.2</b>	0.0025	0.051	mg/kg dry	1	05/15/2012	05/16/2012 14:57	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			109 %	81.7-160		05/15/2012	05/16/2012 14:57	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			99.0 %	80.6-148		05/15/2012	05/16/2012 14:57	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.7</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-551 1-1 1/2**  
**A122004-02 (Concrete)**

**Date Sampled**  
**05/14/2012 15:00**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
<b>PCB-1248</b>	<b>0.66</b>	0.0055	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
<b>PCB-1254</b>	<b>0.41</b>	0.0046	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
<b>PCB-1260</b>	<b>0.065</b>	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
<b>Total PCBs</b>	<b>1.1</b>	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:24	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			90.0 %	81.7-160		05/15/2012	05/16/2012 15:24	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			88.0 %	80.6-148		05/15/2012	05/16/2012 15:24	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>96.3</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-551 1 3/4-2 1/4**

Date Sampled  
05/14/2012 15:00

**A122004-03 (Concrete)**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
PCB-1232	ND	0.0072	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
PCB-1242	ND	0.0045	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
PCB-1248	ND	0.0055	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
PCB-1254	ND	0.0045	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
Total PCBs	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 15:52	EPA 8082	
Surrogate: Decachlorobiphenyl			98.2 %	81.7-160		05/15/2012	05/16/2012 15:52	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			98.0 %	80.6-148		05/15/2012	05/16/2012 15:52	EPA 8082	

**Classical Chemistry Parameters**

% Solids	97.0		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-554 1/4-3/4**  
**A122004-04 (Concrete)**

Date Sampled  
 05/14/2012 15:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
PCB-1232	ND	0.0072	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
PCB-1242	ND	0.0045	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
PCB-1248	ND	0.0055	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
PCB-1254	ND	0.0045	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
Total PCBs	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:20	EPA 8082	
Surrogate: Decachlorobiphenyl			98.8 %	81.7-160		05/15/2012	05/16/2012 16:20	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			89.0 %	80.6-148		05/15/2012	05/16/2012 16:20	EPA 8082	

**Classical Chemistry Parameters**

% Solids	96.9		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-554 1-1 1/2**  
**A122004-05 (Concrete)**

**Date Sampled**  
 05/14/2012 15:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
PCB-1221	ND	0.0066	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
PCB-1248	ND	0.0055	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
PCB-1254	ND	0.0046	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
Total PCBs	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 16:48	EPA 8082	
Surrogate: Decachlorobiphenyl			99.3 %	81.7-160		05/15/2012	05/16/2012 16:48	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			96.3 %	80.6-148		05/15/2012	05/16/2012 16:48	EPA 8082	

**Classical Chemistry Parameters**

% Solids	95.9		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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2525 Advance Road  
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-554 1 3/4-2 1/4**  
**A122004-06 (Concrete)**

Date Sampled  
05/14/2012 15:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
PCB-1221	ND	0.0066	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
PCB-1248	ND	0.0055	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
PCB-1254	ND	0.0046	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
Total PCBs	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/16/2012 17:16	EPA 8082	
Surrogate: Decachlorobiphenyl			92.3 %	81.7-160		05/15/2012	05/16/2012 17:16	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			85.8 %	80.6-148		05/15/2012	05/16/2012 17:16	EPA 8082	

**Classical Chemistry Parameters**

% Solids	96.1		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-552 1/4-3/4**  
**A122004-07 (Concrete)**

Date Sampled  
05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/15/2012	05/15/2012 12:56	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/15/2012	05/15/2012 12:56	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/15/2012	05/15/2012 12:56	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 12:56	EPA 8082	
<b>PCB-1248</b>	<b>8.8</b>	0.027	0.25	mg/kg dry	5	05/15/2012	05/15/2012 12:56	EPA 8082	D
<b>PCB-1254</b>	<b>12</b>	0.022	0.25	mg/kg dry	5	05/15/2012	05/15/2012 12:56	EPA 8082	D
<b>PCB-1260</b>	<b>0.85</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 12:56	EPA 8082	
<b>Total PCBs</b>	<b>22</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 12:56	EPA 8082	
Surrogate: Decachlorobiphenyl			79.3 %	81.7-160		05/15/2012	05/15/2012 12:56	EPA 8082	S
Surrogate: Tetrachloro-meta-xylene			85.8 %	80.6-148		05/15/2012	05/15/2012 12:56	EPA 8082	

**Classical Chemistry Parameters**

% Solids	98.3		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-552 1-1 1/2**  
**A122004-08 (Concrete)**

**Date Sampled**  
 05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:21	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:21	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:21	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:21	EPA 8082	
<b>PCB-1248</b>	<b>16</b>	0.054	0.51	mg/kg dry	10	05/15/2012	05/15/2012 13:21	EPA 8082	D
<b>PCB-1254</b>	<b>23</b>	0.045	0.51	mg/kg dry	10	05/15/2012	05/15/2012 13:21	EPA 8082	D
<b>PCB-1260</b>	<b>1.7</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:21	EPA 8082	
<b>Total PCBs</b>	<b>40</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:21	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			92.9 %	81.7-160		05/15/2012	05/15/2012 13:21	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			93.8 %	80.6-148		05/15/2012	05/15/2012 13:21	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.6</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-552 1 3/4-2 1/4**  
**A122004-09 (Concrete)**

Date Sampled  
05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:49	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:49	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:49	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:49	EPA 8082	
<b>PCB-1248</b>	<b>12</b>	0.054	0.51	mg/kg dry	10	05/15/2012	05/15/2012 13:49	EPA 8082	D
<b>PCB-1254</b>	<b>18</b>	0.045	0.51	mg/kg dry	10	05/15/2012	05/15/2012 13:49	EPA 8082	D
<b>PCB-1260</b>	<b>1.4</b>	0.0025	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:49	EPA 8082	
<b>Total PCBs</b>	<b>31</b>	0.0025	0.051	mg/kg dry	1	05/15/2012	05/15/2012 13:49	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			92.1 %	81.7-160		05/15/2012	05/15/2012 13:49	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			86.9 %	80.6-148		05/15/2012	05/15/2012 13:49	EPA 8082	

**Classical Chemistry Parameters**

% Solids	97.7		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/25/2012

**FC-553 1/4-3/4**  
**A122004-10 (Concrete)**

Date Sampled  
 05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
<b>PCB-1248</b>	<b>1.1</b>	0.0054	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
<b>PCB-1254</b>	<b>1.2</b>	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
PCB-1260	ND	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
<b>Total PCBs</b>	<b>2.3</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:17	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			90.4 %	81.7-160		05/15/2012	05/15/2012 14:17	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			86.9 %	80.6-148		05/15/2012	05/15/2012 14:17	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.7</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-553 1-1 1/2**  
**A122004-11 (Concrete)**

**Date Sampled**  
 05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
<b>PCB-1248</b>	<b>1.0</b>	0.0054	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
<b>PCB-1254</b>	<b>0.93</b>	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
PCB-1260	ND	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
<b>Total PCBs</b>	<b>2.0</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 14:45	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			89.0 %	81.7-160		05/15/2012	05/15/2012 14:45	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			84.9 %	80.6-148		05/15/2012	05/15/2012 14:45	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.1</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC-553 1 3/4-2 1/4**

**Date Sampled**

**A122004-12 (Concrete)**

**05/10/2012 00:00**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
<b>PCB-1248</b>	<b>0.35</b>	0.0054	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
<b>PCB-1254</b>	<b>0.29</b>	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
<b>Total PCBs</b>	<b>0.64</b>	0.0025	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:13	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			83.8 %	81.7-160		05/15/2012	05/15/2012 15:13	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			84.6 %	80.6-148		05/15/2012	05/15/2012 15:13	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.4</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**WC-570**  
**A122004-13 (Concrete)**

Date Sampled  
 05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	
PCB-1242	ND	0.0044	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	
<b>PCB-1248</b>	<b>0.031</b>	0.0054	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	J
<b>PCB-1254</b>	<b>0.054</b>	0.0044	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	
<b>PCB-1260</b>	<b>0.012</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	J
<b>Total PCBs</b>	<b>0.098</b>	0.0024	0.051	mg/kg dry	1	05/15/2012	05/15/2012 15:41	EPA 8082	
Surrogate: Decachlorobiphenyl			95.4 %	81.7-160		05/15/2012	05/15/2012 15:41	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			92.5 %	80.6-148		05/15/2012	05/15/2012 15:41	EPA 8082	

**Classical Chemistry Parameters**

% Solids	99.0		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**WC-571**

Date Sampled  
05/10/2012 00:00

**A122004-14 (Concrete)**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
<b>PCB-1248</b>	<b>0.10</b>	0.0054	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
<b>PCB-1254</b>	<b>0.10</b>	0.0045	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
<b>Total PCBs</b>	<b>0.21</b>	0.0025	0.051	mg/kg dry	1	05/15/2012	05/15/2012 16:09	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			96.5 %	81.7-160		05/15/2012	05/15/2012 16:09	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			93.9 %	80.6-148		05/15/2012	05/15/2012 16:09	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.5</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 558 1/4-3/4**  
**A122007-01 (Concrete)**

Date Sampled  
 05/14/2012 16:45

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:26	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:26	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:26	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:26	EPA 8082	
PCB-1248	4.9	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:26	EPA 8082	
PCB-1254	4.2	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:26	EPA 8082	
PCB-1260	0.86	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:26	EPA 8082	
<b>Total PCBs</b>	<b>9.9</b>	<b>0.0025</b>	<b>0.051</b>	<b>mg/kg dry</b>	<b>1</b>	<b>05/16/2012</b>	<b>05/17/2012 04:26</b>	<b>EPA 8082</b>	
Surrogate: Decachlorobiphenyl			83.1 %	81.7-160		05/16/2012	05/17/2012 04:26	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			103 %	80.6-148		05/16/2012	05/17/2012 04:26	EPA 8082	

**Classical Chemistry Parameters**

% Solids	97.9		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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2525 Advance Road  
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 558 1-1 1/2**  
**A122007-02 (Concrete)**

**Date Sampled**  
**05/14/2012 16:45**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
<b>PCB-1248</b>	<b>0.82</b>	0.0055	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
<b>PCB-1254</b>	<b>0.71</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
<b>PCB-1260</b>	<b>0.066</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
<b>Total PCBs</b>	<b>1.6</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 04:53	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			85.5 %	81.7-160		05/16/2012	05/17/2012 04:53	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			93.2 %	80.6-148		05/16/2012	05/17/2012 04:53	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.2</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 559 0-1/2**  
**A122007-03 (Concrete)**

**Date Sampled**  
**05/15/2012 11:45**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
<b>PCB-1248</b>	<b>2.1</b>	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
<b>PCB-1254</b>	<b>1.8</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
<b>Total PCBs</b>	<b>3.8</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 05:21	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			74.6 %	81.7-160		05/16/2012	05/17/2012 05:21	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			91.7 %	80.6-148		05/16/2012	05/17/2012 05:21	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.5</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 559 3/4-1 1/4** **Date Sampled**  
**A122007-04 (Concrete)** **05/15/2012 11:45**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	
<b>PCB-1248</b>	<b>3.4</b>	0.0055	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	
<b>PCB-1254</b>	<b>3.1</b>	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	
<b>PCB-1260</b>	<b>0.70</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	
<b>Total PCBs</b>	<b>7.1</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 05:48	EPA 8082	

Surrogate: Decachlorobiphenyl			87.6 %	81.7-160		05/16/2012	05/17/2012 05:48	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			102 %	80.6-148		05/16/2012	05/17/2012 05:48	EPA 8082	

**Classical Chemistry Parameters**

% Solids	96.4		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 561 1/4-3/4**  
**A122007-05 (Concrete)**

**Date Sampled**  
**05/15/2012 12:15**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
<b>PCB-1248</b>	<b>0.40</b>	0.0055	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
<b>PCB-1254</b>	<b>0.98</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
<b>PCB-1260</b>	<b>0.25</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
<b>Total PCBs</b>	<b>1.6</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 06:15	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			77.7 %	81.7-160		05/16/2012	05/17/2012 06:15	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			88.8 %	80.6-148		05/16/2012	05/17/2012 06:15	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.1</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 561 1-1 1/2**  
**A122007-06 (Concrete)**

Date Sampled  
 05/15/2012 12:15

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
PCB-1232	ND	0.0072	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
PCB-1242	ND	0.0045	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
<b>PCB-1248</b>	<b>0.071</b>	0.0055	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
<b>PCB-1254</b>	<b>0.14</b>	0.0045	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
<b>Total PCBs</b>	<b>0.22</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 06:42	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			88.4 %	81.7-160		05/16/2012	05/17/2012 06:42	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			94.9 %	80.6-148		05/16/2012	05/17/2012 06:42	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>96.9</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 562 0-1/2**  
**A122007-07 (Concrete)**

**Date Sampled**  
 05/15/2012 12:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	
<b>PCB-1248</b>	<b>0.016</b>	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	J
PCB-1254	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	
PCB-1260	ND	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	
<b>Total PCBs</b>	<b>0.016</b>	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:10	EPA 8082	J
<i>Surrogate: Decachlorobiphenyl</i>			78.1 %	81.7-160		05/16/2012	05/17/2012 07:10	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			87.6 %	80.6-148		05/16/2012	05/17/2012 07:10	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.0</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 562 3/4-1 1/4**

Date Sampled  
05/15/2012 12:00

**A122007-08 (Concrete)**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	
<b>PCB-1248</b>	<b>0.034</b>	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	J
<b>PCB-1254</b>	<b>0.096</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	
<b>Total PCBs</b>	<b>0.13</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 07:37	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			78.7 %	81.7-160		05/16/2012	05/17/2012 07:37	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			87.3 %	80.6-148		05/16/2012	05/17/2012 07:37	EPA 8082	

**Classical Chemistry Parameters**

% Solids	97.9		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 563 1/4-3/4**  
**A122007-09 (Concrete)**

**Date Sampled**  
**05/15/2012 12:45**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
PCB-1248	ND	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
PCB-1254	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
Total PCBs	ND	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 09:52	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			84.0 %	81.7-160		05/16/2012	05/17/2012 09:52	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			99.1 %	80.6-148		05/16/2012	05/17/2012 09:52	EPA 8082	

**Classical Chemistry Parameters**

% Solids	97.6		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 563 1-1 1/2**  
**A122007-10 (Concrete)**

**Date Sampled**  
 05/15/2012 12:45

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
PCB-1248	ND	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
PCB-1254	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
PCB-1260	ND	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
Total PCBs	ND	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:20	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			80.2 %	81.7-160		05/16/2012	05/17/2012 10:20	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			89.2 %	80.6-148		05/16/2012	05/17/2012 10:20	EPA 8082	

**Classical Chemistry Parameters**

% Solids	98.0		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 564 1/4-3/4**  
**A122007-11 (Concrete)**

Date Sampled  
 05/15/2012 13:15

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
<b>PCB-1248</b>	<b>1.1</b>	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
<b>PCB-1254</b>	<b>1.0</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
<b>Total PCBs</b>	<b>2.2</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 10:47	EPA 8082	
Surrogate: Decachlorobiphenyl			78.1 %	81.7-160		05/16/2012	05/17/2012 10:47	EPA 8082	S
Surrogate: Tetrachloro-meta-xylene			90.7 %	80.6-148		05/16/2012	05/17/2012 10:47	EPA 8082	

**Classical Chemistry Parameters**

% Solids	97.3		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 564 1-1 1/2**  
**A122007-12 (Concrete)**

Date Sampled  
 05/15/2012 13:15

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
PCB-1221	ND	0.0066	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
<b>PCB-1248</b>	<b>0.35</b>	0.0055	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
<b>PCB-1254</b>	<b>0.27</b>	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
<b>PCB-1260</b>	<b>0.059</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
<b>Total PCBs</b>	<b>0.68</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 11:14	EPA 8082	
Surrogate: Decachlorobiphenyl			85.1 %	81.7-160		05/16/2012	05/17/2012 11:14	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			98.8 %	80.6-148		05/16/2012	05/17/2012 11:14	EPA 8082	

**Classical Chemistry Parameters**

% Solids	95.8		0.00	% by Weight	1	05/16/2012	05/17/2012 09:48	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 565 1/4-3/4**  
**A122007-13 (Concrete)**

**Date Sampled**  
**05/15/2012 13:45**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
<b>PCB-1248</b>	<b>0.20</b>	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
<b>PCB-1254</b>	<b>0.33</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
<b>PCB-1260</b>	<b>0.079</b>	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
<b>Total PCBs</b>	<b>0.61</b>	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 12:30	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			96.3 %	81.7-160		05/16/2012	05/17/2012 12:30	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			89.7 %	80.6-148		05/16/2012	05/17/2012 12:30	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.1</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 565 1-1 1/2**  
**A122007-14 (Concrete)**

Date Sampled  
 05/15/2012 13:45

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
PCB-1232	ND	0.0072	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
PCB-1242	ND	0.0045	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
PCB-1248	ND	0.0055	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
PCB-1254	ND	0.0045	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
Total PCBs	ND	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 13:54	EPA 8082	
Surrogate: Decachlorobiphenyl			99.1 %	81.7-160		05/16/2012	05/17/2012 13:54	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			93.0 %	80.6-148		05/16/2012	05/17/2012 13:54	EPA 8082	

**Classical Chemistry Parameters**

% Solids	96.9		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**DUP 4**

**A122007-15 (Concrete)**

Date Sampled  
05/15/2012 14:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>2.0</b>	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
PCB-1221	ND	0.0065	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
PCB-1232	ND	0.0072	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
<b>PCB-1248</b>	<b>3.0</b>	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
<b>PCB-1254</b>	<b>1.3</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
<b>Total PCBs</b>	<b>6.3</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:22	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			111 %	81.7-160		05/16/2012	05/17/2012 14:22	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			102 %	80.6-148		05/16/2012	05/17/2012 14:22	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.7</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**FC 555 1/4-3/4**  
**A122007-16 (Concrete)**

**Date Sampled**  
05/14/2012 16:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>2.6</b>	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:50	EPA 8082	
PCB-1221	ND	0.065	0.51	mg/kg dry	10	05/16/2012	05/17/2012 14:50	EPA 8082	
PCB-1232	ND	0.072	0.51	mg/kg dry	10	05/16/2012	05/17/2012 14:50	EPA 8082	
PCB-1242	ND	0.045	0.51	mg/kg dry	10	05/16/2012	05/17/2012 14:50	EPA 8082	
<b>PCB-1248</b>	<b>11</b>	0.054	0.51	mg/kg dry	10	05/16/2012	05/17/2012 14:50	EPA 8082	D
<b>PCB-1254</b>	<b>9.3</b>	0.045	0.51	mg/kg dry	10	05/16/2012	05/17/2012 14:50	EPA 8082	D
<b>PCB-1260</b>	<b>1.9</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 14:50	EPA 8082	
<b>Total PCBs</b>	<b>25</b>	0.025	0.51	mg/kg dry	10	05/16/2012	05/17/2012 14:50	EPA 8082	D
<i>Surrogate: Decachlorobiphenyl</i>			90.9 %	81.7-160		05/16/2012	05/17/2012 14:50	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			89.0 %	80.6-148		05/16/2012	05/17/2012 14:50	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.6</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 555 1-1 1/2**  
**A122007-17 (Concrete)**

**Date Sampled**  
**05/14/2012 16:00**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>4.7</b>	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 15:18	EPA 8082	
PCB-1221	ND	0.064	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:18	EPA 8082	
PCB-1232	ND	0.072	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:18	EPA 8082	
PCB-1242	ND	0.045	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:18	EPA 8082	
<b>PCB-1248</b>	<b>18</b>	0.054	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:18	EPA 8082	D
<b>PCB-1254</b>	<b>16</b>	0.045	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:18	EPA 8082	D
<b>PCB-1260</b>	<b>1.7</b>	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 15:18	EPA 8082	
<b>Total PCBs</b>	<b>40</b>	0.025	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:18	EPA 8082	D
<i>Surrogate: Decachlorobiphenyl</i>			104 %	81.7-160		05/16/2012	05/17/2012 15:18	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			97.9 %	80.6-148		05/16/2012	05/17/2012 15:18	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.9</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 555 1 3/4-2 1/4**  
**A122007-18 (Concrete)**

**Date Sampled**  
 05/14/2012 16:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>2.6</b>	0.0076	0.051	mg/kg dry	1	05/16/2012	05/17/2012 15:46	EPA 8082	
PCB-1221	ND	0.065	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:46	EPA 8082	
PCB-1232	ND	0.072	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:46	EPA 8082	
PCB-1242	ND	0.045	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:46	EPA 8082	
<b>PCB-1248</b>	<b>10</b>	0.054	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:46	EPA 8082	D
<b>PCB-1254</b>	<b>9.2</b>	0.045	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:46	EPA 8082	D
PCB-1260	ND	0.0025	0.051	mg/kg dry	1	05/16/2012	05/17/2012 15:46	EPA 8082	
<b>Total PCBs</b>	<b>22</b>	0.025	0.51	mg/kg dry	10	05/16/2012	05/17/2012 15:46	EPA 8082	D
<i>Surrogate: Decachlorobiphenyl</i>			97.6 %	81.7-160		05/16/2012	05/17/2012 15:46	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			92.3 %	80.6-148		05/16/2012	05/17/2012 15:46	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>97.3</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 556 1/4-3/4**  
**A122007-19 (Concrete)**

Date Sampled  
05/14/2012 16:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0075	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
PCB-1221	ND	0.0064	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
PCB-1232	ND	0.0071	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
PCB-1242	ND	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
<b>PCB-1248</b>	<b>0.72</b>	0.0054	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
<b>PCB-1254</b>	<b>0.66</b>	0.0045	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
<b>PCB-1260</b>	<b>0.32</b>	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
<b>Total PCBs</b>	<b>1.7</b>	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 18:06	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			97.4 %	81.7-160		05/16/2012	05/17/2012 18:06	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			96.3 %	80.6-148		05/16/2012	05/17/2012 18:06	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.1</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 557 0-1/2**

**Date Sampled**

**A122007-20 (Concrete)**

**05/14/2012 16:15**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/16/2012	05/17/2012 18:34	EPA 8082	
PCB-1221	ND	0.0066	0.052	mg/kg dry	1	05/16/2012	05/17/2012 18:34	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/16/2012	05/17/2012 18:34	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 18:34	EPA 8082	
PCB-1248	1.6	0.0055	0.052	mg/kg dry	1	05/16/2012	05/17/2012 18:34	EPA 8082	
PCB-1254	1.7	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 18:34	EPA 8082	
PCB-1260	0.44	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 18:34	EPA 8082	
<b>Total PCBs</b>	<b>3.7</b>	<b>0.0025</b>	<b>0.052</b>	<b>mg/kg dry</b>	<b>1</b>	<b>05/16/2012</b>	<b>05/17/2012 18:34</b>	<b>EPA 8082</b>	
<i>Surrogate: Decachlorobiphenyl</i>			99.4 %	81.7-160		05/16/2012	05/17/2012 18:34	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			94.0 %	80.6-148		05/16/2012	05/17/2012 18:34	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>95.8</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 557 3/4-1 1/4**  
**A122007-21 (Concrete)**

Date Sampled  
 05/14/2012 16:15

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	
PCB-1232	ND	0.0072	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	
<b>PCB-1248</b>	<b>0.028</b>	0.0055	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	J
<b>PCB-1254</b>	<b>0.057</b>	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	
<b>Total PCBs</b>	<b>0.086</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:02	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			103 %	81.7-160		05/16/2012	05/17/2012 19:02	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			100 %	80.6-148		05/16/2012	05/17/2012 19:02	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>96.6</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 560 1/4-3/4**  
**A122007-22 (Concrete)**

Date Sampled  
 05/14/2012 17:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>3.5</b>	0.0075	0.051	mg/kg dry	1	05/16/2012	05/17/2012 19:30	EPA 8082	
PCB-1221	ND	0.032	0.25	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	
PCB-1232	ND	0.036	0.25	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	
PCB-1242	ND	0.022	0.25	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	
<b>PCB-1248</b>	<b>10</b>	0.027	0.25	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	D
<b>PCB-1254</b>	<b>10</b>	0.022	0.25	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	D
<b>PCB-1260</b>	<b>1.2</b>	0.0024	0.051	mg/kg dry	1	05/16/2012	05/17/2012 19:30	EPA 8082	
<b>Total PCBs</b>	<b>26</b>	0.012	0.25	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	D
<i>Surrogate: Decachlorobiphenyl</i>			94.1 %	81.7-160		05/16/2012	05/17/2012 19:30	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			90.8 %	80.6-148		05/16/2012	05/17/2012 19:30	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.5</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 560 1-1 1/2**  
**A122007-23 (Concrete)**

**Date Sampled**  
05/14/2012 17:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>4.4</b>	0.0077	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:58	EPA 8082	
PCB-1221	ND	0.033	0.26	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	
PCB-1232	ND	0.036	0.26	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	
PCB-1242	ND	0.023	0.26	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	
<b>PCB-1248</b>	<b>9.8</b>	0.028	0.26	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	D
<b>PCB-1254</b>	<b>8.9</b>	0.023	0.26	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	D
<b>PCB-1260</b>	<b>0.66</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 19:58	EPA 8082	
<b>Total PCBs</b>	<b>24</b>	0.012	0.26	mg/kg dry	5	05/16/2012	05/21/2012 13:53	EPA 8082	D
<i>Surrogate: Decachlorobiphenyl</i>			96.0 %	81.7-160		05/16/2012	05/17/2012 19:58	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			91.2 %	80.6-148		05/16/2012	05/17/2012 19:58	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>96.2</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**FC 560 1 3/4-2 1/4**

**Date Sampled**

**A122007-24 (Concrete)**

05/14/2012 17:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0078	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
PCB-1221	ND	0.0066	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
PCB-1232	ND	0.0074	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
PCB-1242	ND	0.0046	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
<b>PCB-1248</b>	<b>0.82</b>	0.0056	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
<b>PCB-1254</b>	<b>0.78</b>	0.0046	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
PCB-1260	ND	0.0025	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
<b>Total PCBs</b>	<b>1.6</b>	0.0025	0.053	mg/kg dry	1	05/16/2012	05/17/2012 20:26	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			100 %	81.7-160		05/16/2012	05/17/2012 20:26	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			91.7 %	80.6-148		05/16/2012	05/17/2012 20:26	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>95.0</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:54	SM 2540B	
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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control  
ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205063 - EPA 3570**

<b>Blank (A205063-BLK1)</b>		Prepared: 05/15/2012 Analyzed: 05/16/2012 04:15								
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.258		mg/kg wet	0.2400		107	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.228		mg/kg wet	0.2400		94.9	80.6-148			

<b>LCS (A205063-BS1)</b>		Prepared: 05/15/2012 Analyzed: 05/16/2012 04:42								
PCB-1248	3.93	0.050	mg/kg wet	4.000		98.2	70-130			
Surrogate: Decachlorobiphenyl	0.243		mg/kg wet	0.2400		101	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.230		mg/kg wet	0.2400		95.7	80.6-148			

<b>Matrix Spike (A205063-MS1)</b>		Source: A122003-05		Prepared: 05/15/2012 Analyzed: 05/16/2012 09:21						
PCB-1248	4.64	0.056	mg/kg dry	4.517	ND	103	60-140			
Surrogate: Decachlorobiphenyl	0.286		mg/kg dry	0.2710		106	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.272		mg/kg dry	0.2710		100	80.6-148			

<b>Matrix Spike Dup (A205063-MSD1)</b>		Source: A122003-05		Prepared: 05/15/2012 Analyzed: 05/16/2012 09:49						
PCB-1248	4.01	0.056	mg/kg dry	4.517	ND	88.9	60-140	14.4	20	
Surrogate: Decachlorobiphenyl	0.243		mg/kg dry	0.2710		89.7	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.237		mg/kg dry	0.2710		87.4	80.6-148			

**Batch A205064 - EPA 3570**

<b>Blank (A205064-BLK1)</b>		Prepared: 05/15/2012 Analyzed: 05/15/2012 12:06								
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.224		mg/kg wet	0.2400		93.3	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.231		mg/kg wet	0.2400		96.4	80.6-148			





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**Revised Report**

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control  
 ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205064 - EPA 3570**

LCS (A205064-BS1) <span style="float:right">Prepared: 05/15/2012 Analyzed: 05/15/2012 12:31</span>										
PCB-1248	3.95	0.050	mg/kg wet	4.000		98.8	70-130			
Surrogate: Decachlorobiphenyl	0.241		mg/kg wet	0.2400		101	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.239		mg/kg wet	0.2400		99.7	80.6-148			
Matrix Spike (A205064-MS1) <span style="float:right">Source: A122004-21 Prepared: 05/15/2012 Analyzed: 05/15/2012 21:44</span>										
PCB-1248	4.42	0.060	mg/kg dry	4.766	0.0958	90.8	60-140			
Surrogate: Decachlorobiphenyl	0.336		mg/kg dry	0.2859		118	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.254		mg/kg dry	0.2859		88.9	80.6-148			
Matrix Spike Dup (A205064-MSD1) <span style="float:right">Source: A122004-21 Prepared: 05/15/2012 Analyzed: 05/15/2012 22:12</span>										
PCB-1248	5.07	0.060	mg/kg dry	4.766	0.0958	104	60-140	14.0	20	
Surrogate: Decachlorobiphenyl	0.379		mg/kg dry	0.2859		133	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.293		mg/kg dry	0.2859		102	80.6-148			

**Batch A205076 - EPA 3570**

Blank (A205076-BLK1) <span style="float:right">Prepared: 05/16/2012 Analyzed: 05/16/2012 21:12</span>										
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.222		mg/kg wet	0.2400		92.4	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.235		mg/kg wet	0.2400		98.1	80.6-148			
LCS (A205076-BS1) <span style="float:right">Prepared: 05/16/2012 Analyzed: 05/16/2012 21:39</span>										
PCB-1248	3.47	0.050	mg/kg wet	4.000		86.7	70-130			
Surrogate: Decachlorobiphenyl	0.223		mg/kg wet	0.2400		93.0	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.213		mg/kg wet	0.2400		88.8	80.6-148			
Matrix Spike (A205076-MS1) <span style="float:right">Source: A122004-87 Prepared: 05/16/2012 Analyzed: 05/16/2012 22:33</span>										
PCB-1248	2.10	0.057	mg/kg dry	2.269	0.427	73.7	60-140			
Surrogate: Decachlorobiphenyl	0.250		mg/kg dry	0.2723		91.7	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.243		mg/kg dry	0.2723		89.3	80.6-148			



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Revised Report

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205076 - EPA 3570**

<b>Matrix Spike Dup (A205076-MSD1)</b>	<b>Source: A122004-87</b>		<b>Prepared: 05/16/2012</b>		<b>Analyzed: 05/16/2012 23:01</b>					
PCB-1248	2.30	0.057	mg/kg dry	2.269	0.427	82.7	60-140	11.6	20	
Surrogate: Decachlorobiphenyl	0.271		mg/kg dry	0.2723		99.6	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.273		mg/kg dry	0.2723		100	80.6-148			

**Batch A205081 - EPA 3570**

<b>Blank (A205081-BLK1)</b>			<b>Prepared: 05/16/2012</b>		<b>Analyzed: 05/17/2012 11:34</b>					
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.223		mg/kg wet	0.2400		93.1	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.212		mg/kg wet	0.2400		88.2	80.6-148			

**LCS (A205081-BS1)**

			<b>Prepared: 05/16/2012</b>		<b>Analyzed: 05/17/2012 12:02</b>					
PCB-1248	3.49	0.050	mg/kg wet	4.000		87.3	70-130			
Surrogate: Decachlorobiphenyl	0.230		mg/kg wet	0.2400		96.0	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.225		mg/kg wet	0.2400		93.9	80.6-148			

**Matrix Spike (A205081-MS1)**

	<b>Source: A122007-13</b>		<b>Prepared: 05/16/2012</b>		<b>Analyzed: 05/17/2012 12:58</b>					
PCB-1248	2.15	0.051	mg/kg dry	2.040	0.203	95.6	60-140			
Surrogate: Decachlorobiphenyl	0.230		mg/kg dry	0.2447		93.9	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.221		mg/kg dry	0.2447		90.4	80.6-148			

**Matrix Spike Dup (A205081-MSD1)**

	<b>Source: A122007-13</b>		<b>Prepared: 05/16/2012</b>		<b>Analyzed: 05/17/2012 13:26</b>					
PCB-1248	2.23	0.051	mg/kg dry	2.040	0.203	99.4	60-140	3.84	20	
Surrogate: Decachlorobiphenyl	0.235		mg/kg dry	0.2447		96.2	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.222		mg/kg dry	0.2447		90.8	80.6-148			



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### Revised Report

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/25/2012
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### Classical Chemistry Parameters - Quality Control

#### ECCS

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch A205066 - % Solids

Duplicate (A205066-DUP1)	Source: A122003-01	Prepared: 05/15/2012	Analyzed: 05/16/2012 11:35		
% Solids	79.5	0.00 % by Weight	79.9	0.564	20

#### Batch A205068 - % Solids

Duplicate (A205068-DUP1)	Source: A122004-26	Prepared: 05/15/2012	Analyzed: 05/16/2012 11:30		
% Solids	87.7	0.00 % by Weight	85.7	2.28	20

#### Batch A205077 - % Solids

Duplicate (A205077-DUP1)	Source: A122004-87	Prepared: 05/16/2012	Analyzed: 05/17/2012 09:48		
% Solids	88.6	0.00 % by Weight	88.1	0.567	20

#### Batch A205082 - % Solids

Duplicate (A205082-DUP1)	Source: A122007-13	Prepared: 05/16/2012	Analyzed: 05/17/2012 09:54		
% Solids	98.2	0.00 % by Weight	98.1	0.107	20



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### Revised Report

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

**Reported:**  
05/25/2012

### Notes and Definitions

- S Surrogate recovery was outside of laboratory control limits due to an apparent matrix effect.
- J Analyte was detected but is below the reporting limit. The concentration is estimated.
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference





**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095, <b>Q</b>		Lab Work Order #: <b>A122004</b>		Mail Report To: Julie Zimdars																																									
Project Name: Former Wabash Alloys - Connell property		Preservation Codes		Company: NRT																																									
Project Location: Oak Creek, WI		Analyses Requested		Address: 23713 W. Paul Rd , Unit D																																									
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Matrix</th> <th>Total # of Containers</th> <th>PCBs method 8082</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Matrix	Total # of Containers	PCBs method 8082																																						E-mail Address: jzimdars@naturalrt.com	
Matrix	Total # of Containers			PCBs method 8082																																									
If Rush, Report Due Date: <b>same</b>		Invoiced To: NRT Account'g Company: NRT Address: same		Invoice To: NRT Account'g																																									
Sampled By (Print): <b>Brian Hennings</b> <i>[Signature]</i>				Comments		Lab ID	Lab Receipt Time																																						
Sample Description	Collection Date	Collection Time	Matrix	Total # of Containers	PCBs method 8082																																								
FC 551 1/4 - 3/4	5/14/12	1500	SO	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		01																																	
FC 551 1 - 1 1/2	↓	↓	SO	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		02																																	
FC 551 1 3/4 - 2 1/4	↓	↓	SO	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		03																																	
FC 554 1/4 - 3/4	↓	1530	SO	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		04																																	
FC 554 1 - 1 1/2	↓	↓	SO	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		05																																	
FC 554 1 3/4 - 2 1/4	↓	↓	SO	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		06																																	
			S	252512	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																			
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			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																			
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																			

**Preservation Codes**  
 A=None B=HCL C=H<sub>2</sub>SO<sub>4</sub>  
 D=HNO<sub>3</sub> E=EnCore F=Methanol  
 G=NaOH O=Other (Indicate)

**Matrix Codes**  
 A=Air S=Soil W=Water O=Other

**Rush TAT Multipliers**  
 5 Business Days = 1.5x  
 3 Business Days = 2x  
 2 Business Days = 2.25x  
 24 Hours = 2.5x  
 \*must be pre-arranged\*

Relinquished By: *[Signature]* 5/14/12  
 Date: 5/14 Time: 11:00  
 Relinquished By: *[Signature]*  
 Date: 5/14 Time: 17:00  
 Custody Seal:  Present  Absent  Intact  Not Intact  
 Seal #s:

Received By: *[Signature]*  
 Date: 5/14 Time: 16:00  
 Received By: *[Signature]*  
 Date: 5-14-12 Time: 17:00  
 Shipped Via: absent  
 Receipt Temp: 3.6  
 Temp Blank:  Y  N



**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095				Lab Work Order #: <b>A122004</b>				Mail Report To: Julie Zimdars			
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT			
Project Location: Oak Creek, WI				Analyses Requested				Address: 23713 W. Paul Rd , Unit D			
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				A				E-mail Address: jzimdars@naturalrt.com			
If Rush, Report Due Date:				Matrix Total # of Containers PCBs method 8082				Invoice To: NRT Account'g			
Sampled By (Print): Sarah Ganswindt								Company: NRT			
Sample Description				Collection Date				Address: same			
								Time			
FC-552 1/4 - 3/4"				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
FC-552 1 - 1 1/2"				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
FC-552 1 3/4 - 2 1/4 "				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
FC-553 1/4 - 3/4"				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
FC-553 1 - 1 1/2"				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
FC-553 1 3/4 - 2 1/4"				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
WC-570				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
WC-571				5/10/2012				O 1 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
								S <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
								S <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>Preservation Codes</b> A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate)		<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*		Relinquished By: <i>Sarah Ganswindt</i> Date: 5/14/12 Time: 1600 Relinquished By: <i>[Signature]</i> Date: 5/14 Time: 1700		Received By: <i>[Signature]</i> Date: 5/14 Time: 1600 Received By: <i>[Signature]</i> Date: 5-14-12 Time: 1700		Custody Seal: <input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact Seal #s:		Shipped Via: other Receipt Temp: 3.6 Temp Blank: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

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WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Rev. 5/11





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 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095, /				Lab Work Order #: <b>A122007</b>				Mail Report To: Julie Zimdars																							
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT																							
Project Location: Oak Creek, WI				Analyses Requested				Address: 23713 W. Paul Rd, Unit D																							
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Matrix</th> <th>Total # of Containers</th> <th>PCBs method 8082</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Matrix	Total # of Containers	PCBs method 8082																		E-mail Address: jzimdars@naturalrt.com			
Matrix	Total # of Containers	PCBs method 8082																													
If Rush, Report Due Date:								Invoice To: NRT Account'g				Company: NRT																			
Sampled By (Print): <u>Brian Hennings Julie Zimdars</u>				Address: same																											
Sample Description	Collection		Matrix	Total # of Containers	PCBs method 8082							Comments	Lab ID	Lab Receipt Time																	
	Date	Time																													
FC 558 1/4 - 3/4	5/14/12	16:45	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			01																		
FC 558 1 - 1 1/2	↓	↓	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			02																		
FC 559 0 - 1/2	5/15/12	11:45	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			03																		
FC 559 3/4 - 1 1/4	↓	↓	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			04																		
FC 561 1/4 - 3/4	5/15/12	12:15	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			05																		
FC 561 1 - 1 1/2	↓	↓	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			06																		
FC 562 0 - 1/2	5/15/12	12:00	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			07																		
FC 562 3/4 - 1 1/4	↓	↓	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			08																		
FC 563 1/4 - 3/4	5/15/12	12:45	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			09																		
FC 563 1 - 1 1/2	↓	↓	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			10																		
<b>Preservation Codes</b> A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate)		<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*		Relinquished By: <u>[Signature]</u>		Date:	Time:	Received By: <u>[Signature]</u>		Date:	Time:																				
<b>Matrix Codes</b> A=Air S=Soil W=Water O=Other				Relinquished By: <u>[Signature]</u>		Date:	Time:	Received By: <u>[Signature]</u>		Date:	Time:																				
				Custody Seal: <input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Seal #s:		Shipped Via: <u>Other</u>		Receipt Temp: <u>3.4 SN11642490</u>		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N																			





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 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095, 1				Lab Work Order #: <b>A122007</b>				Mail Report To: Julie Zimdars						
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT						
Project Location: Oak Creek, WI				Analyses Requested				Address: 23713 W. Paul Rd , Unit D						
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				Matrix Total # of Containers PCBs method 8082				E-mail Address: jzimdars@naturalrt.com						
If Rush, Report Due Date:								Invoice To: NRT Account'g						
Sampled By (Print): <del>Brian Hennings</del> Julie Zimdars								Company: NRT						
								Address: same						
Sample Description		Collection		Matrix	Total # of Containers	PCBs method 8082						Comments	Lab ID	Lab Receipt Time
		Date	Time											
FC 564 1/4 - 3/4		5/15/12	13:15	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		11	
FC 564 1 - 1 1/2		↓	↓	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		12	
FC 565 1/4 - 3/4		5/15/12	13:45	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		13	
FC 565 1 - 1 1/2		5/15/12	13:45	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		14	
Dup 4		5/15/12	14:30	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		15	
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

**Preservation Codes**  
 A=None B=HCL C=H<sub>2</sub>SO<sub>4</sub>  
 D=HNO<sub>3</sub> E=EnCore F=Methanol  
 G=NaOH O=Other (Indicate)

**Matrix Codes**  
 A=Air S=Soil W=Water O=Other

**Rush TAT Multipliers**  
 5 Business Days = 1.5x  
 3 Business Days = 2x  
 2 Business Days = 2.25x  
 24 Hours = 2.5x  
 \*must be pre-arranged\*

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: *[Signature]* Date: 5/15 Time: 15:00

Relinquished By: *[Signature]* Date: 5/15 Time: 16:05 Received By: Paul Bratman Date: 5/15/12 Time: 16:05

Custody Seal:  Present  Absent  Intact  Not Intact Seal #s: \_\_\_\_\_ Shipped Via: Other Receipt Temp: 38 SN 11642970 Temp Blank:  Y  N





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 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095, /		Lab Work Order #: <b>A122007</b>		Mail Report To: Julie Zimdars																					
Project Name: Former Wabash Alloys - Connell property		Preservation Codes		Company: NRT																					
Project Location: Oak Creek, WI		Analyses Requested		Address: 23713 W. Paul Rd , Unit D																					
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Matrix</th> <th>Total # of Containers</th> <th>PCBs method 8082</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Matrix	Total # of Containers	PCBs method 8082																		E-mail Address: jzimdars@naturalrt.com	
Matrix	Total # of Containers			PCBs method 8082																					
If Rush, Report Due Date:				Invoice To: NRT Account'g																					
Sampled By (Print): <del>Brian Hennings</del> Julie Zimdars		Company: NRT																							
		Address: same																							
Sample Description	Collection		Matrix	Total # of Containers	PCBs method 8082							Comments	Lab ID	Lab Receipt Time											
	Date	Time																							
FC 555 1/4-3/4	5/14	12:00	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			16												
FC 555 1-1/2			80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			17												
FC 555 1 3/4-2 1/4			80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			18												
FC 556 1/4-3/4	5/14	16:30	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			19												
FC 557 0-1/2		16:15	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			20												
FC 557 3/4-1 1/4		16:15	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			21												
<del>FC 557 1 1/2-2</del>		16:15	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>															
FC 560 1/4-3/4		17:00	80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			22												
FC 560 1-1/2			80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			23												
FC 560 1 3/4-2 1/4			80	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			24												
<b>Preservation Codes</b> A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate) <b>Matrix Codes</b> A=Air S=Soil W=Water O=Other		<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*		Relinquished By: <i>[Signature]</i> Date: 5/15 Time: 16:05 Relinquished By: <i>[Signature]</i> Date: 5/15 Time: 16:05 Custody Seal: <input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Received By: <i>[Signature]</i> Date: 5/15 Time: 15:00 Received By: <i>[Signature]</i> Date: 5/15/12 Time: 16:05 Shipped Via: <i>Other</i> Receipt Temp: 34 SN 11642470 EXP 7/1/13 Temp Blank: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N																			



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608.221.8700 Phone  
608.221.4889 Fax

26 May 2012

Julie Zimdars  
Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee, WI 53072

RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 05/21/2012.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser  
Project Manager

Certification List			Expires
ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2012
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2012
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012



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608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095.1  
Project Manager: Julie Zimdars

**Reported:**  
05/26/2012

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FC-566	A122105-01	Concrete	05/18/2012	05/21/2012





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 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095.1 Project Manager: Julie Zimdars	Reported: 05/26/2012
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**FC-566**  
**A122105-01 (Concrete)**

Date Sampled  
**05/18/2012 12:00**

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0078	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
PCB-1221	ND	0.0066	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
PCB-1232	ND	0.0074	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
<b>PCB-1242</b>	<b>4.0</b>	0.0046	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
PCB-1248	ND	0.0056	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
<b>PCB-1254</b>	<b>0.78</b>	0.0046	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
PCB-1260	ND	0.0025	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
<b>Total PCBs</b>	<b>4.8</b>	0.0025	0.053	mg/kg dry	1	05/22/2012	05/23/2012 03:36	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			112 %	81.7-160		05/22/2012	05/23/2012 03:36	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			97.4 %	80.6-148		05/22/2012	05/23/2012 03:36	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>94.8</b>		0.00	% by Weight	1	05/22/2012	05/23/2012 15:30	SM 2540B	
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 608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095.1 Project Manager: Julie Zimdars	Reported: 05/26/2012
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205099 - EPA 3570**

<b>Blank (A205099-BLK1)</b>		Prepared: 05/22/2012 Analyzed: 05/23/2012 01:56								
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.295		mg/kg wet	0.2400		123	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.264		mg/kg wet	0.2400		110	80.6-148			

<b>LCS (A205099-BS1)</b>		Prepared: 05/22/2012 Analyzed: 05/23/2012 02:21								
PCB-1248	4.29	0.050	mg/kg wet	4.000		107	70-130			
Surrogate: Decachlorobiphenyl	0.267		mg/kg wet	0.2400		111	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.261		mg/kg wet	0.2400		109	80.6-148			

<b>Matrix Spike (A205099-MS1)</b>		Source: A122104-02		Prepared: 05/22/2012 Analyzed: 05/23/2012 04:01						
PCB-1248	6.28	0.059	mg/kg dry	4.714	1.76	95.9	60-140			
Surrogate: Decachlorobiphenyl	0.345		mg/kg dry	0.2828		122	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.292		mg/kg dry	0.2828		103	80.6-148			

<b>Matrix Spike Dup (A205099-MSD1)</b>		Source: A122104-02		Prepared: 05/22/2012 Analyzed: 05/23/2012 04:27						
PCB-1248	6.21	0.059	mg/kg dry	4.714	1.76	94.3	60-140	1.62	20	
Surrogate: Decachlorobiphenyl	0.335		mg/kg dry	0.2828		118	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.279		mg/kg dry	0.2828		98.5	80.6-148			



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**Classical Chemistry Parameters - Quality Control**

**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205100 - % Solids**

<b>Duplicate (A205100-DUP1)</b>	<b>Source: A122104-01</b>		<b>Prepared: 05/22/2012 Analyzed: 05/23/2012 15:30</b>							
% Solids	79.3	0.00	% by Weight		79.9			0.813	20	

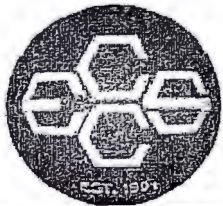


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### Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095, /				Lab Work Order #: <b>A122105</b>				Mail Report To: Julie Zimdars																							
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT																							
Project Location: Oak Creek, WI				Analyses Requested				Address: 23713 W. Paul Rd , Unit D																							
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Matrix</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Total # of Containers</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">PCBs method 8082</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Matrix	Total # of Containers	PCBs method 8082																		E-mail Address: jzimdars@naturalrt.com			
Matrix	Total # of Containers	PCBs method 8082																													
If Rush, Report Due Date:				Invoice To: NRT Account'g				Company: NRT																							
Sampled By (Print): <del>Brian Hennings</del> Nicole Kron				Address: same																											
Sample Description	Collection		Matrix	Total # of Containers	PCBs method 8082							Comments	Lab ID	Lab Receipt Time																	
	Date	Time																													
FC-566	5/18/12	12:00	S	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			01																		
			S	52512	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
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			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<b>Preservation Codes</b> A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate)		<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*		Relinquished By: <i>Nicole Kron</i> Date: 5/21/12 Time: 13:50 Relinquished By: <i>[Signature]</i> Date: 5/21 Time: 15:00				Received By: <i>[Signature]</i> Date: 5/21 Time: 15:00 Received By: <i>[Signature]</i> Date: 5-21-12 Time: 15:00																							
<b>Matrix Codes</b> A=Air S=Soil W=Water O=Other		Custody Seal: <input checked="" type="checkbox"/> Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Seal #s: _____ Shipped Via: _____ Receipt Temp: _____ Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N																									





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29 May 2012

Julie Zimdars

Natural Resource Technology Inc

23713 West Paul Road, Unit D

Pewaukee, WI 53072

RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 05/14/2012.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser

Project Manager

**Certification List**

**Expires**

ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2012
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2012
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012



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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/29/2012
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Paint-Exterior White	A122002-01	Other	05/10/2012	05/14/2012
Paint & Concrete-Exterior White	A122002-02	Other	05/10/2012	05/14/2012
Paint-Interior Gray	A122002-03	Other	05/10/2012	05/14/2012
Paint & Concrete-Interior Gray	A122002-04	Other	05/10/2012	05/14/2012
Paint-Exterior Red	A122002-05	Other	05/10/2012	05/14/2012
Paint & Concrete-Exterior White (TCLP)	A122002-06	TCLP Extract	05/10/2012	05/14/2012
Paint & Concrete-Interior Gray (TCLP)	A122002-07	TCLP Extract	05/10/2012	05/14/2012
TCLP Blank	A122002-08	TCLP Extract	05/10/2012	05/14/2012
Paint Exterior White (TCLP)	A122002-09	TCLP Extract	05/10/2012	05/14/2012
TCLP Blank	A122002-10	TCLP Extract	05/10/2012	05/14/2012

The TCLP extracts for samples A122002-06 through A122002-08 were prepared past recommended holding time and were received in an improper (plastic) container.



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**Paint-Exterior White**

Date Sampled  
05/10/2012 00:00

A122002-01 (Other)

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	19	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	
PCB-1221	ND	16	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	
PCB-1232	ND	18	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	
PCB-1242	ND	11	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	
PCB-1248	ND	13	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	
<b>PCB-1254</b>	<b>1800</b>	11	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	D
PCB-1260	ND	6.1	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	
<b>Total PCBs</b>	<b>1800</b>	6.1	130	mg/kg dry	2500	05/15/2012	05/18/2012 18:53	EPA 8082	D
Surrogate: Decachlorobiphenyl			%	81.7-160		05/15/2012	05/18/2012 18:53	EPA 8082	DO
Surrogate: Tetrachloro-meta-xylene			%	80.6-148		05/15/2012	05/18/2012 18:53	EPA 8082	DO

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>98.8</b>		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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**Pace Analytical**

**ASTM D2974-87**

<b>Percent Moisture</b>	<b>1.1</b>	0.10	0.10	% dry	1	05/17/2012	05/17/2012 13:21	ASTM D2974-87	
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**EPA 6010**

<b>Lead</b>	<b>179</b>	2.2	8.7	mg/kg dry	10	05/21/2012	05/22/2012 19:36	EPA 6010	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/29/2012
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**Paint & Concrete-Exterior White**

Date Sampled

A122002-02 (Other)

05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**Pace Analytical**

**ASTM D2974-87**

Percent Moisture	1.6	0.10	0.10	% dry	1	05/17/2012	05/17/2012 13:21	ASTM D2974-87	
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**EPA 6010**

Lead	102	2.4	9.5	mg/kg dry	10	05/21/2012	05/22/2012 19:38	EPA 6010	
Lead	ND	0.015	0.038	mg/L	1	05/18/2012	05/22/2012 21:39	EPA 6010	





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**Paint-Interior Gray**  
**A122002-03 (Other)**

Date Sampled  
 05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.40	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	
PCB-1221	ND	0.34	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	
PCB-1232	ND	0.38	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	
PCB-1242	ND	0.24	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	
PCB-1248	8.6	0.29	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	D
PCB-1254	21	0.24	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	D
PCB-1260	7.3	0.13	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	D
Total PCBs	37	0.13	2.7	mg/kg dry	50	05/15/2012	05/18/2012 19:49	EPA 8082	D
Surrogate: Decachlorobiphenyl			%	81.7-160		05/15/2012	05/18/2012 19:49	EPA 8082	DO
Surrogate: Tetrachloro-meta-xylene			%	80.6-148		05/15/2012	05/18/2012 19:49	EPA 8082	DO

**Classical Chemistry Parameters**

% Solids	92.5		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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**Pace Analytical**

**ASTM D2974-87**

Percent Moisture	7.7	0.10	0.10	% dry	1	05/18/2012	05/18/2012 07:56	ASTM D2974-87	
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**EPA 6010**

Lead	55.3	2.5	9.8	mg/kg dry	10	05/21/2012	05/22/2012 19:41	EPA 6010	
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**Paint & Concrete-Interior Gray**  
**A122002-04 (Other)**

Date Sampled  
05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECSS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0078	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
PCB-1221	ND	0.0066	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
PCB-1232	ND	0.0074	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
PCB-1242	ND	0.0046	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
<b>PCB-1248</b>	<b>0.39</b>	0.0056	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
<b>PCB-1254</b>	<b>0.59</b>	0.0046	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
PCB-1260	ND	0.0025	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
<b>Total PCBs</b>	<b>0.98</b>	0.0025	0.053	mg/kg dry	1	05/24/2012	05/25/2012 09:28	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			<i>91.4 %</i>	<i>81.7-160</i>		<i>05/24/2012</i>	<i>05/25/2012 09:28</i>	<i>EPA 8082</i>	
<i>Surrogate: Tetrachloro-meta-xylene</i>			<i>97.6 %</i>	<i>80.6-148</i>		<i>05/24/2012</i>	<i>05/25/2012 09:28</i>	<i>EPA 8082</i>	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>95.1</b>		0.00	% by Weight	1	05/24/2012	05/28/2012 08:45	SM 2540B	
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**Pace Analytical**

**ASTM D2974-87**

<b>Percent Moisture</b>	<b>4.7</b>	0.10	0.10	% dry	1	05/18/2012	05/18/2012 07:56	ASTM D2974-87	
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**EPA 6010**

<b>Lead</b>	<b>25.6</b>	2.3	8.9	mg/kg dry	10	05/21/2012	05/22/2012 19:43	EPA 6010	
Lead	ND	0.015	0.038	mg/L	1	05/18/2012	05/22/2012 21:44	EPA 6010	



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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/29/2012
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**Paint-Exterior Red**  
**A122002-05 (Other)**

Date Sampled  
05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0076	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
PCB-1232	ND	0.0072	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
PCB-1242	ND	0.0045	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
<b>PCB-1248</b>	<b>0.085</b>	0.0055	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
<b>PCB-1254</b>	<b>0.16</b>	0.0045	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
PCB-1260	ND	0.0025	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
<b>Total PCBs</b>	<b>0.24</b>	0.0025	0.052	mg/kg dry	1	05/15/2012	05/18/2012 12:20	EPA 8082	
Surrogate: Decachlorobiphenyl			105 %	81.7-160		05/15/2012	05/18/2012 12:20	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			103 %	80.6-148		05/15/2012	05/18/2012 12:20	EPA 8082	

**Classical Chemistry Parameters**

% Solids	96.8		0.00	% by Weight	1	05/15/2012	05/16/2012 11:35	SM 2540B	
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**Pace Analytical**

**ASTM D2974-87**

Percent Moisture	1.9	0.10	0.10	% dry	1	05/17/2012	05/17/2012 13:21	ASTM D2974-87	
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**EPA 6010**

Lead	28.0	2.4	9.4	mg/kg dry	10	05/21/2012	05/22/2012 19:45	EPA 6010	
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 608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/29/2012
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**Paint & Concrete-Exterior White (TCLP)**

Date Sampled

A122002-06 (TCLP Extract)

05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**H, I**

PCB-1016	ND	0.070	0.26	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
PCB-1221	ND	0.040	0.50	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
PCB-1232	ND	0.074	0.26	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
PCB-1242	ND	0.066	0.26	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
PCB-1248	ND	0.040	0.26	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
PCB-1254	ND	0.018	0.26	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
PCB-1260	ND	0.050	0.26	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
Total PCBs	ND	0.074	0.50	ug/L	1	05/25/2012	05/25/2012 17:36	EPA 8082	
Surrogate: Decachlorobiphenyl			125 %	75.7-134		05/25/2012	05/25/2012 17:36	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			113 %	57.1-132		05/25/2012	05/25/2012 17:36	EPA 8082	





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**Paint & Concrete-Interior Gray (TCLP)**  
**A122002-07 (TCLP Extract)**

Date Sampled  
05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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ECCS

**Polychlorinated Biphenyls by EPA Method 8082**

**H, I**

PCB-1016	ND	0.070	0.26	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
PCB-1221	ND	0.040	0.50	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
PCB-1232	ND	0.074	0.26	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
PCB-1242	ND	0.066	0.26	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
PCB-1248	ND	0.040	0.26	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
PCB-1254	ND	0.018	0.26	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
PCB-1260	ND	0.050	0.26	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
Total PCBs	ND	0.074	0.50	ug/L	1	05/25/2012	05/25/2012 18:01	EPA 8082	
Surrogate: Decachlorobiphenyl			132 %	75.7-134		05/25/2012	05/25/2012 18:01	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			107 %	57.1-132		05/25/2012	05/25/2012 18:01	EPA 8082	



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**TCLP Blank**  
**A122002-08 (TCLP Extract)**

Date Sampled  
 05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

**H, I**

PCB-1016	ND	0.070	0.26	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
PCB-1221	ND	0.040	0.50	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
PCB-1232	ND	0.074	0.26	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
PCB-1242	ND	0.066	0.26	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
PCB-1248	ND	0.040	0.26	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
PCB-1254	ND	0.018	0.26	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
PCB-1260	ND	0.050	0.26	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
Total PCBs	ND	0.074	0.50	ug/L	1	05/25/2012	05/25/2012 18:26	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			120 %	75.7-134		05/25/2012	05/25/2012 18:26	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			94.0 %	57.1-132		05/25/2012	05/25/2012 18:26	EPA 8082	



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**Paint Exterior White (TCLP)**  
**A122002-09 (TCLP Extract)**

Date Sampled  
05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.12	0.43	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
PCB-1221	ND	0.067	0.83	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
PCB-1232	ND	0.12	0.43	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
PCB-1242	ND	0.11	0.43	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
<b>PCB-1248</b>	<b>0.53</b>	0.067	0.43	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
<b>PCB-1254</b>	<b>4.8</b>	0.030	0.43	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
PCB-1260	ND	0.083	0.43	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
<b>Total PCBs</b>	<b>5.3</b>	0.12	0.83	ug/L	1	05/25/2012	05/25/2012 18:51	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			122 %	75.7-134		05/25/2012	05/25/2012 18:51	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			93.9 %	57.1-132		05/25/2012	05/25/2012 18:51	EPA 8082	



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**TCLP Blank**  
**A122002-10 (TCLP Extract)**

Date Sampled  
 05/10/2012 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.070	0.26	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
PCB-1221	ND	0.040	0.50	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
PCB-1232	ND	0.074	0.26	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
PCB-1242	ND	0.066	0.26	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
PCB-1248	ND	0.040	0.26	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
PCB-1254	ND	0.018	0.26	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
PCB-1260	ND	0.050	0.26	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
Total PCBs	ND	0.074	0.50	ug/L	1	05/25/2012	05/25/2012 19:16	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			120 %	75.7-134		05/25/2012	05/25/2012 19:16	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			91.5 %	57.1-132		05/25/2012	05 25/2012 19:16	EPA 8082	





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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205063 - EPA 3570**

Blank (A205063-BLK1) <span style="float:right">Prepared: 05/15/2012 Analyzed: 05/16/2012 04:15</span>										
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.258		mg/kg wet	0.2400		107	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.228		mg/kg wet	0.2400		94.9	80.6-148			

LCS (A205063-BS1) <span style="float:right">Prepared: 05/15/2012 Analyzed: 05/16/2012 04:42</span>										
PCB-1248	3.93	0.050	mg/kg wet	4.000		98.2	70-130			
Surrogate: Decachlorobiphenyl	0.243		mg/kg wet	0.2400		101	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.230		mg/kg wet	0.2400		95.7	80.6-148			

Matrix Spike (A205063-MS1) <span style="float:right">Source: A122003-05 Prepared: 05/15/2012 Analyzed: 05/16/2012 09:21</span>										
PCB-1248	4.64	0.056	mg/kg dry	4.517	ND	103	60-140			
Surrogate: Decachlorobiphenyl	0.286		mg/kg dry	0.2710		106	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.272		mg/kg dry	0.2710		100	80.6-148			

Matrix Spike Dup (A205063-MSD1) <span style="float:right">Source: A122003-05 Prepared: 05/15/2012 Analyzed: 05/16/2012 09:49</span>										
PCB-1248	4.01	0.056	mg/kg dry	4.517	ND	88.9	60-140	14.4	20	
Surrogate: Decachlorobiphenyl	0.243		mg/kg dry	0.2710		89.7	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.237		mg/kg dry	0.2710		87.4	80.6-148			

**Batch A205119 - EPA 3570**

Blank (A205119-BLK1) <span style="float:right">Prepared: 05/24/2012 Analyzed: 05/24/2012 15:50</span>										
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.217		mg/kg wet	0.2400		90.6	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.220		mg/kg wet	0.2400		91.8	80.6-148			



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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/29/2012
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205119 - EPA 3570**

**LCS (A205119-BS1)** Prepared: 05/24/2012 Analyzed: 05/24/2012 16:15

PCB-1248	4.04	0.050	mg/kg wet	4.000		101	70-130			
Surrogate: Decachlorobiphenyl	0.227		mg/kg wet	0.2400		94.4	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.239		mg/kg wet	0.2400		99.4	80.6-148			

**Matrix Spike (A205119-MS1)** Source: A122120-04 Prepared: 05/24/2012 Analyzed: 05/25/2012 01:04

PCB-1248	5.03	0.058	mg/kg dry	4.643	0.381	100	60-140			
Surrogate: Decachlorobiphenyl	0.262		mg/kg dry	0.2786		94.0	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.271		mg/kg dry	0.2786		97.1	80.6-148			

**Matrix Spike Dup (A205119-MSD1)** Source: A122120-04 Prepared: 05/24/2012 Analyzed: 05/25/2012 01:29

PCB-1248	4.96	0.058	mg/kg dry	4.643	0.381	98.6	60-140	1.55	20	
Surrogate: Decachlorobiphenyl	0.259		mg/kg dry	0.2786		93.0	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.265		mg/kg dry	0.2786		95.1	80.6-148			

**Batch A205121 - EPA 3511**

**Blank (A205121-BLK1)** Prepared: 05/25/2012 Analyzed: 05/25/2012 16:21

PCB-1016	ND	0.26	ug/L							
PCB-1221	ND	0.50	ug/L							
PCB-1232	ND	0.26	ug/L							
PCB-1242	ND	0.26	ug/L							
PCB-1248	ND	0.26	ug/L							
PCB-1254	ND	0.26	ug/L							
PCB-1260	ND	0.26	ug/L							
Total PCBs	ND	0.50	ug/L							
Surrogate: Decachlorobiphenyl	1.99		ug/L	1.500		133	75.7-134			
Surrogate: Tetrachloro-meta-xylene	1.63		ug/L	1.500		109	57.1-132			

**LCS (A205121-BS1)** Prepared: 05/25/2012 Analyzed: 05/25/2012 16:46

PCB-1248	27.7	0.26	ug/L	25.00		111	70-130			
Surrogate: Decachlorobiphenyl	1.88		ug/L	1.500		125	75.7-134			
Surrogate: Tetrachloro-meta-xylene	1.52		ug/L	1.500		101	57.1-132			

**LCS Dup (A205121-BSD1)** Prepared: 05/25/2012 Analyzed: 05/25/2012 17:11

PCB-1248	26.2	0.26	ug/L	25.00		105	70-130	5.68	20	
Surrogate: Decachlorobiphenyl	1.81		ug/L	1.500		121	75.7-134			
Surrogate: Tetrachloro-meta-xylene	1.45		ug/L	1.500		96.7	57.1-132			



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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/29/2012
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**Classical Chemistry Parameters - Quality Control**

**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205066 - % Solids**

<b>Duplicate (A205066-DUP1)</b>	Source: A122003-01		Prepared: 05/15/2012		Analyzed: 05/16/2012 11:35					
% Solids	79.5	0.00	% by Weight		79.9			0.564	20	

**Batch A205118 - % Solids**

<b>Duplicate (A205118-DUP1)</b>	Source: A122120-01		Prepared: 05/24/2012		Analyzed: 05/28/2012 08:45					
% Solids	87.2	0.00	% by Weight		86.1			1.23	20	



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Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

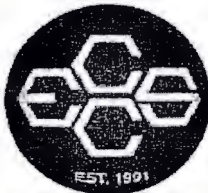
Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

Reported:  
05/29/2012

#### Notes and Definitions

- I The sample was received in an improper container. The results may be invalid.
- H The sample was held beyond the accepted holding time.
- DO Diluted out.
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference





**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095				Lab Work Order #: <u>A12202</u>				Mail Report To: Julie Zimdars															
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT															
Project Location: Oak Creek, WI				Analyses Requested: A				Address: 23713 W. Paul Rd , Unit D															
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				Matrix Total # of Containers PCBs method 8082 Total Lead TCLP lead <u>TCLP PCBs</u>				Address: Pewaukee, WI 53072															
If Rush, Report Due Date:								E-mail Address: jzimdars@naturalrt.com															
Sampled By (Print): Nicole Kron								Invoice To: NRT Account'g															
Sample Description				Collection		Comments				Lab ID		Lab Receipt Time											
				Date	Time					Matrix		Total # of Containers		PCBs method 8082		Total Lead		TCLP lead					
Paint - Exterior White		5/10/2012		O 2		[X] [X]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]	
Paint & Concrete - Exterior White		5/10/2012		O 1		[ ] [X] [X]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]	
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<u>Paint + Concrete - Exterior White (TCLP)</u>		<u>5-10-12</u>		O 1		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]	
<u>TCLP Blank</u>				O 1		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]	
				S		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]	
				S		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]		[ ] [ ]	
<b>Preservation Codes</b> A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate) <b>Matrix Codes</b> A=Air S=Soil W=Water O=Other				<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*				Relinquished By: <u>[Signature]</u> Date: <u>5/14/12</u> Time: <u>1600</u> Relinquished By: <u>[Signature]</u> Date: <u>5/14</u> Time: <u>17:00</u>				Received By: <u>[Signature]</u> Date: <u>5/14</u> Time: <u>1600</u> Received By: <u>[Signature]</u> Date: <u>5-14-12</u> Time: <u>1700</u>											
Custody Seal: <input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Seal #s:				Shipped Via: <u>Other</u>				Receipt Temp: <u>3.0</u>											

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Rev. 5/11



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 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095				Lab Work Order #: <u>A122002</u>				Mail Report To: Julie Zimdars					
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT					
Project Location: Oak Creek, WI				Analyses Requested				Address: 23713 W. Paul Rd , Unit D					
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				A				E-mail Address: jzimdars@naturalrt.com					
If Rush, Report Due Date:				Matrix Total # of Containers PCBs method 8082 Total Lead TCLP lead TCLP PCBs				Invoice To: NRT Account'g					
Sampled By (Print): Julie Zimdars								Company: NRT					
Sample Description				Collection		Comments				Lab ID		Lab Receipt	
				Date	Time					Time			
Paint - Interior Gray		5/10/2012		O	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	03	
Paint & Concrete - Interior Gray		5/10/2012		O	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	04	Analysis added 05-24-12 jp
Paint - Exterior Red		5/10/2012		O	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05	
				O	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Paint + Concrete - Exterior White (TCLP)		5-10-12		O	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	06	
Paint + Concrete - Interior Gray (TCLP)		5-10-12		O	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	07	
TCLP Blank				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	08	
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

<b>Preservation Codes</b> .A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate)		<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*		Relinquished By: <u>[Signature]</u> Date: <u>5/14/12</u> Time: <u>16:00</u>		Received By: <u>[Signature]</u> Date: <u>5/14</u> Time: <u>16:00</u>	
<b>Matrix Codes</b> A=Air S=Soil W=Water O=Other				Relinquished By: <u>[Signature]</u> Date: <u>5/14</u> Time: <u>17:00</u>		Received By: <u>[Signature]</u> Date: <u>5-14-12</u> Time: <u>1700</u>	
Custody Seal:		Seal #s:		Shipped Via: <u>Other</u>		Receipt Temp: <u>3.0</u>	
<input type="checkbox"/> Present <input checked="" type="checkbox"/> Absent <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Temp Blank: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		SN <u>11642470</u> N <u>5/17/12</u>	

(WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Rev. 5/11

May 23, 2012

Jessica Esser  
ECCS  
2525 Advance Road  
Madison, WI 53718

RE: Project: A122002  
Pace Project No.: 4060316

Dear Jessica Esser:

Enclosed are the analytical results for sample(s) received by the laboratory on May 16, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mleczko

steve.mleczko@pacelabs.com  
Project Manager

Enclosures

cc: Kari Boatman, ECCS



## REPORT OF LABORATORY ANALYSIS

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Page 1 of 14



Pace Analytical Services, Inc.  
1241 Bellevue Street - Suite 9  
Green Bay, WI 54302  
(920)469-2436

## CERTIFICATIONS

Project: A122002  
Pace Project No.: 4060316

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334

New York Certification #: 11888  
North Carolina Certification #: 503  
North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
US Dept of Agriculture #: S-76505  
Wisconsin Certification #: 405132750

## REPORT OF LABORATORY ANALYSIS

Page 2 of 14

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### SAMPLE SUMMARY

Project: A122002  
Pace Project No.: 4060316

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4060316001	A122002-01	Solid	05/10/12 00:00	05/16/12 09:45
4060316002	A122002-02	Solid	05/10/12 00:00	05/16/12 09:45
4060316003	A122002-03	Solid	05/10/12 00:00	05/16/12 09:45
4060316004	A122002-04	Solid	05/10/12 00:00	05/16/12 09:45
4060316005	A122002-05	Solid	05/10/12 00:00	05/16/12 09:45

### REPORT OF LABORATORY ANALYSIS

Page 3 of 14

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**SAMPLE ANALYTE COUNT**

Project: A122002  
Pace Project No.: 4060316

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4060316001	A122002-01	EPA 6010	DLB	1	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4060316002	A122002-02	EPA 6010	DLB	1	PASI-G
		EPA 6010	DLB	1	PASI-G
4060316003	A122002-03	ASTM D2974-87	SKW	1	PASI-G
		EPA 6010	DLB	1	PASI-G
4060316004	A122002-04	ASTM D2974-87	EMH	1	PASI-G
		EPA 6010	DLB	1	PASI-G
4060316005	A122002-05	EPA 6010	DLB	1	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

**REPORT OF LABORATORY ANALYSIS**

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## PROJECT NARRATIVE

Project: A122002  
Pace Project No.: 4060316

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**Method:** EPA 6010  
**Description:** 6010 MET ICP  
**Client:** ECCS  
**Date:** May 23, 2012

**General Information:**

5 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

Page 5 of 14

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## PROJECT NARRATIVE

Project: A122002  
Pace Project No.: 4060316

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**Method:** EPA 6010  
**Description:** 6010 MET ICP, TCLP  
**Client:** ECCS  
**Date:** May 23, 2012

**General Information:**

2 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

Page 6 of 14

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**ANALYTICAL RESULTS**

Project: A122002  
Pace Project No.: 4060316

**Sample: A122002-01**      **Lab ID: 4060316001**      Collected: 05/10/12 00:00      Received: 05/16/12 09:45      Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010      Preparation Method: EPA 3050								
Lead	179 mg/kg		8.7	2.2	10	05/21/12 14:10	05/22/12 19:36	7439-92-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	1.1 %		0.10	0.10	1		05/17/12 13:21		

**Sample: A122002-02**      **Lab ID: 4060316002**      Collected: 05/10/12 00:00      Received: 05/16/12 09:45      Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010      Preparation Method: EPA 3050								
Lead	102 mg/kg		9.5	2.4	10	05/21/12 14:10	05/22/12 19:38	7439-92-1	
<b>6010 MET ICP, TCLP</b>	Analytical Method: EPA 6010      Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 05/17/12 00:00								
Lead	<0.015 mg/L		0.038	0.015	1	05/18/12 12:00	05/22/12 21:39	7439-92-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	1.6 %		0.10	0.10	1		05/17/12 13:21		

**Sample: A122002-03**      **Lab ID: 4060316003**      Collected: 05/10/12 00:00      Received: 05/16/12 09:45      Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010      Preparation Method: EPA 3050								
Lead	55.3 mg/kg		9.8	2.5	10	05/21/12 14:10	05/22/12 19:41	7439-92-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	7.7 %		0.10	0.10	1		05/18/12 07:56		

**Sample: A122002-04**      **Lab ID: 4060316004**      Collected: 05/10/12 00:00      Received: 05/16/12 09:45      Matrix: Solid

*Results reported on a "dry-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010      Preparation Method: EPA 3050								
Lead	25.6 mg/kg		8.9	2.3	10	05/21/12 14:10	05/22/12 19:43	7439-92-1	



**ANALYTICAL RESULTS**

Project: A122002  
 Pace Project No.: 4060316

Sample: A122002-04 Lab ID: 4060316004 Collected: 05/10/12 00:00 Received: 05/16/12 09:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP, TCLP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 05/17/12 00:00								
Lead	<0.015	mg/L	0.038	0.015	1	05/18/12 12:00	05/22/12 21:44	7439-92-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	4.7	%	0.10	0.10	1		05/18/12 07:56		

Sample: A122002-05 Lab ID: 4060316005 Collected: 05/10/12 00:00 Received: 05/16/12 09:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	28.0	mg/kg	9.4	2.4	10	05/21/12 14:10	05/22/12 19:45	7439-92-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
Percent Moisture	1.9	%	0.10	0.10	1		05/17/12 13:21		

**QUALITY CONTROL DATA**

Project: A122002  
Pace Project No.: 4060316

QC Batch: MPRP/6932      Analysis Method: EPA 6010  
QC Batch Method: EPA 3050      Analysis Description: 6010 MET  
Associated Lab Samples: 4060316001, 4060316002, 4060316003, 4060316004, 4060316005

METHOD BLANK: 608956      Matrix: Solid  
Associated Lab Samples: 4060316001, 4060316002, 4060316003, 4060316004, 4060316005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.25	1.0	05/22/12 18:48	

LABORATORY CONTROL SAMPLE: 608957

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	50.3	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 608958      608959

Parameter	Units	4060545001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Lead	mg/kg	13.6	58.9	63.8	58.9	63.3	85	84	75-125	1	20	

**QUALITY CONTROL DATA**

Project: A122002  
Pace Project No.: 4060316

QC Batch: MPRP/6929 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP  
Associated Lab Samples: 4060316002, 4060316004

METHOD BLANK: 607643 Matrix: Water  
Associated Lab Samples: 4060316002, 4060316004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/L	<0.0030	0.0075	05/22/12 20:51	

LABORATORY CONTROL SAMPLE: 607644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	.5	0.50	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 607645 607646

Parameter	Units	4060111009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Lead	mg/L	<0.015	2.5	2.5	2.4	2.4	95	94	75-125	0	20	

MATRIX SPIKE SAMPLE: 607647

Parameter	Units	4060316002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	<0.015	2.5	2.4	97	75-125	



**QUALITY CONTROL DATA**

Project: A122002  
Pace Project No.: 4060316

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QC Batch: PMST/7044      Analysis Method: ASTM D2974-87  
QC Batch Method: ASTM D2974-87      Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 4060316001, 4060316002, 4060316005

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SAMPLE DUPLICATE: 606520

Parameter	Units	4059795015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.3	4.6	6	10	

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**QUALITY CONTROL DATA**

Project: A122002  
Pace Project No.: 4060316

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QC Batch: PMST/7046	Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87	Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4060316003, 4060316004	

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SAMPLE DUPLICATE: 607340

Parameter	Units	4060014003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.2	3.1	1	10	

## QUALIFIERS

Project: A122002  
Pace Project No.: 4060316

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

~~Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.~~

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: A122002  
Pace Project No.: 4060316

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4060316001	A122002-01	EPA 3050	MPRP/6932	EPA 6010	ICP/5961
4060316002	A122002-02	EPA 3050	MPRP/6932	EPA 6010	ICP/5961
4060316003	A122002-03	EPA 3050	MPRP/6932	EPA 6010	ICP/5961
4060316004	A122002-04	EPA 3050	MPRP/6932	EPA 6010	ICP/5961
4060316005	A122002-05	EPA 3050	MPRP/6932	EPA 6010	ICP/5961
4060316002	A122002-02	EPA 3010	MPRP/6929	EPA 6010	ICP/5951
4060316004	A122002-04	EPA 3010	MPRP/6929	EPA 6010	ICP/5951
4060316001	A122002-01	ASTM D2974-87	PMST/7044		
4060316002	A122002-02	ASTM D2974-87	PMST/7044		
4060316003	A122002-03	ASTM D2974-87	PMST/7046		
4060316004	A122002-04	ASTM D2974-87	PMST/7046		
4060316005	A122002-05	ASTM D2974-87	PMST/7044		





SUBCONTRACT ORDER

ECCS  
A122002

4060316

SENDING LABORATORY:

ECCS  
2525 Advance Road  
Madison, WI 53718  
Phone: 608.221.8700  
Fax: 608,221;4889  
Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302  
Phone : (920) 469-2436  
Fax: (920) 469-8827

*VMH*

Turn around Time:  Normal

Project Name: Former Wabash Alloys (Connell) - Oak Creek, WI

Rush 5 day Due 05-23-12

Lab ID	Soil	Sampled	Laboratory ID	Comments
001 Lab ID: A122002-01	Soil	1-402agA Sampled: 05/10/2012 00:00		Total Lead Only
Lead Containers Supplied:				
002 Lab ID: A122002-02	Soil	1-402agA Sampled: 05/10/2012 00:00		Total and TCLP Lead
Lead 1311 TCLP Extraction Containers Supplied:				
003 Lab ID: A122002-03	Soil	1-402agA Sampled: 05/10/2012 00:00		Total Lead Only
Lead Containers Supplied:				
004 Lab ID: A122002-04	Soil	2-402agA Sampled: 05/10/2012 00:00		Total and TCLP Lead
Lead 1311 TCLP Extraction Containers Supplied:				
005 Lab ID: A122002-05	Soil	1-402agA Sampled: 05/10/2012 00:00		Total Lead Only
Lead Containers Supplied:				

Released By	Date	Received By	Date
<i>Jessica Esser</i>	05-15-12	<i>Susan Klyne</i>	5/16/12
Released By	Date	Received By	Date
<i>Dunham</i>	5-16-12 0945	<i>Susan Klyne</i>	5/16/12 0945



**Sample Condition Upon Receipt**

Client Name: ECCS Project # 4060316

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other \_\_\_\_\_

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None Other \_\_\_\_\_

Thermometer Used N/A

Type of Ice: Wet Blue Dry None  Samples on ice, cooling process has begun.

Cooler Temperature N/A

Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Temp should be above freezing to 6°C for all sample except Biota.  
Biota Samples should be received ≤ 0°C.

Optional
Proj. Due Date
Proj. Name

Person examining contents:
Date: <u>5-16-12</u>
Initials: <u>SLW</u>

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>Paint Chips</u>
-Includes date/time/ID/Analysis Matrix:	<u>S</u>	<u>SLW</u> <u>5/16/12</u>
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

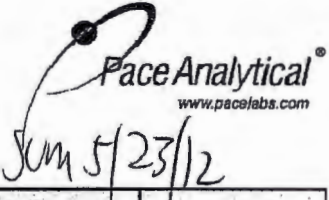
Comments/ Resolution: \_\_\_\_\_

Project Manager Review:

Date: 5/16/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

# Chain of Custody



4060316 JUN 5/23/12

Workorder: 4060717

Workorder Name: ~~4060440~~ JUN 5/23/12

Results Requested 07/2012

Report / Invoice To		Subcontract To		Requested Analysis													
Steven Mleczo Pace Analytical Green Bay 1241 Bellevue Street Suite 9 Green Bay, WI 54302 Phone (920)469-2436 Email: steve.mleczo@pacelabs.com		P.O. _____															
				Preserved Containers													
Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Unpreserved												LAB USE ONLY
1	A122440-01 - 002	5/19/2012 15:40	4060717001	Solid													
2	JUN 5/23/12 - 004		JUN 5/23/12	Lecithin													
3	- Blank																
4																	
5																	
Transfers		Released By	Date/Time	Received By	Date/Time	Comments											
1		[Signature]	5/23/12 1600	Navi Motne	5/23/12	0921											
2																	
3																	
Cooler Temperature on Receipt		Custody Seal		Received on Ice		Samples Intact											
-0.2 °C		Y or N		☑ or N		Y or N											

Requested for  
 Lectures for  
 Nick

SN 111642470 Exp 7/1/13





SUBCONTRACT ORDER

ECCS

A122002

SENDING LABORATORY:

ECCS  
2525 Advance Road  
Madison, WI 53718  
Phone: 608.221.8700  
Fax: 608,221,4889  
Project Manager: Jessica Esser

RECEIVING LABORATORY:

CT Laboratories  
1230 Lange Court  
Baraboo, WI 53913  
Phone :(800) 228-3012  
Fax: (608) 356-2766

Turn around Time:  Normal

Rush

Project Name: Former Wabash Alloys (Connell) - Oak Creek, WI

		Laboratory ID	Comments
Lab ID: A122002-09	Water	Sampled: 05/10/2012 00:00	167377
1311 TCLP Extraction			
Containers Supplied:			
05_Client provided plastic			

\*\*\*\*\*  
 Folder #: 91006  
 Company: ECCS  
 Project:  
 Logged By: ETK PM: ET  
 \*\*\*\*\*

14.8°  
 5/24/12 1240  
 jls

TCLP SOLUTION  
 BLANK  
 TCLP VESSEL BLANK

Released By: *Jessica Esser* Date: 05-24-12  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Released By: *SP/LW* Date: 5-25-12  
 Received By: *Jessica Esser* Date: 05-25-12





2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

17 July 2012

Julie Zimdars  
Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee, WI 53072

RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 06/18/2012.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser  
Project Manager

Certification List			Expires
ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2012
NJDEP	New Jersey Secondary NELAP Accreditation	W004	06/30/2012
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

Reported:  
07/17/2012

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DC-300	A122502-01	Other	06/15/2012	06/18/2012
WP-301	A122502-02	Other	06/15/2012	06/18/2012



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 07/17/2012
---	---	-------------------------

**DC-300**  
**A122502-01 (Other)**

Date Sampled  
06/15/2012 16:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**Pace Analytical**

**ASTM D2974-87**

Percent Moisture	8.0	0.10	% dry	1	06/20/2012	06/20/2012 16:12	ASTM D2974-87
------------------	-----	------	-------	---	------------	------------------	------------------

**EPA 6010**

Copper	7080	10.2	mg/kg dry	10	06/21/2012	06/21/2012 14:33	EPA 6010
Nickel	762	10.2	mg/kg dry	10	06/21/2012	06/21/2012 14:33	EPA 6010
Zinc	11400	40.6	mg/kg dry	10	06/21/2012	06/21/2012 14:33	EPA 6010



2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 07/17/2012
---	---	-------------------------

**WP-301**  
**A122502-02 (Other)**

Date Sampled  
06/15/2012 16:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**Pace Analytical**

**ASTM D2974-87**

Percent Moisture	11.0	0.10	% dry	1	06/20/2012	06/20/2012 16:12	ASTM D2974-87	
------------------	------	------	-------	---	------------	------------------	---------------	--

**EPA 6010**

Copper	8180	11.0	mg/kg dry	10	06/21/2012	06/21/2012 14:35	EPA 6010	
Nickel	577	11.0	mg/kg dry	10	06/21/2012	06/21/2012 14:35	EPA 6010	
Zinc	10900	44.2	mg/kg dry	10	06/21/2012	06/21/2012 14:35	EPA 6010	





2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 07/17/2012
---	---	-------------------------

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

**Reported:**  
07/17/2012

### Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

COC # 120618009

Project Number: <u>2095</u>			Lab Work Order #: <u>A122502</u>			Mail Report To: <u>Jody Barber</u>														
Project Name: <u>Former Wabash Alloys</u>			Analyses Requested			Company: <u>WRT</u>														
Project Location: <u>Oak Creek, WI</u>			Preservation Codes			Address: <u>23713 W. Paul Road, Suite D</u>														
Turn Around (circle one): <u>Normal</u> Rush			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">A</td> <td style="width:10%;">A</td> <td style="width:10%;">A</td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td style="font-size: 8px;">Matrix</td> <td style="font-size: 8px;">Total # of Containers</td> <td style="font-size: 8px;">Class 4.1 Per Mangan Selen</td> <td style="font-size: 8px;">Class 4.1 Binary Residue</td> <td style="font-size: 8px;">Class 4.3 Water</td> <td style="font-size: 8px;">Reactivity</td> </tr> </table>			A	A	A				Matrix	Total # of Containers	Class 4.1 Per Mangan Selen	Class 4.1 Binary Residue	Class 4.3 Water	Reactivity	E-mail Address: <u>ajbarber@returmt.com</u>		
A	A	A																		
Matrix	Total # of Containers	Class 4.1 Per Mangan Selen	Class 4.1 Binary Residue	Class 4.3 Water	Reactivity															
If Rush, Report Due Date:						Invoice To: <u>tsunit@returmt.com</u>														
Sampled By (Print): <u>Ricky S. Guenther Jr.</u>						Company: <u>WRT</u>														
						Address: <u>Same as above</u>														
Sample Description	Collection		Matrix	Total # of Containers	Class 4.1 Per Mangan Selen	Class 4.1 Binary Residue	Class 4.3 Water	Reactivity	Comments	Lab ID	Lab Receipt Time									
	Date	Time																		
<u>DC-300</u>	<u>6:15</u>	<u>16:00</u>	<u>Other</u>	<u>5</u>	<u>3</u>	<u>1</u>	<u>1</u>			<u>01</u>										
<u>WP-301</u>	<u>6:15</u>	<u>16:00</u>	<u>Other</u>	<u>5</u>	<u>3</u>	<u>1</u>	<u>1</u>			<u>02</u>										
									<u>① Burn Rate only if needed. Call client for authorization. 6-18-12</u>											
Preservation Codes A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate)			Relinquished By:		Date: <u>6/18</u>	Time: <u>1530</u>	Received By:		Date: <u>6/18</u>	Time: <u>1530</u>										
			Relinquished By:		Date: <u>6/18</u>	Time: <u>1645</u>	Received By:		Date: <u>6-18-12</u>	Time: <u>1645</u>										
Matrix Codes A=Air S=Soil W=Water O=Other			Custody Seal: <u>Present/Absent</u> <input checked="" type="checkbox"/> <u>Intact/Not Intact</u> <input checked="" type="checkbox"/>		Seal #'s		Receipt Temp: <u>21°C</u> <u>SIN 111642470</u>		Temp Blank: <u>Y</u> <u>N</u> <u>EXP: 0701-13</u>											
Shipped Via: <u>Dick-U</u>																				

June 22, 2012

Jessica Esser  
ECCS  
2525 Advance Road  
Madison, WI 53718

RE: Project: A122502  
Pace Project No.: 4062124

Dear Jessica Esser:

Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Dan Milewsky

dan.milewsky@pacelabs.com  
Project Manager

Enclosures

cc: Jessica Esser, ECCS



## REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc..



## CERTIFICATIONS

Project: A122502  
Pace Project No.: 4062124

---

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334

New York Certification #: 11888  
North Carolina Certification #: 503  
North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
US Dept of Agriculture #: S-76505  
Wisconsin Certification #: 405132750

---

## REPORT OF LABORATORY ANALYSIS

Page 2 of 10

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### SAMPLE SUMMARY

Project: A122502  
Pace Project No.: 4062124

---

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4062124001	A122502-01	Solid	06/15/12 16:00	06/20/12 10:00
4062124002	A122502-02	Solid	06/15/12 16:00	06/20/12 10:00

### REPORT OF LABORATORY ANALYSIS

Page 3 of 10

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**SAMPLE ANALYTE COUNT**

Project: A122502  
Pace Project No.: 4062124

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4062124001	A122502-01	EPA 6010	DLB	3	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4062124002	A122502-02	EPA 6010	DLB	3	PASI-G
		ASTM D2974-87	SKW	1	PASI-G

**REPORT OF LABORATORY ANALYSIS**

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## PROJECT NARRATIVE

Project: A122502  
Pace Project No.: 4062124

---

**Method:** EPA 6010  
**Description:** 6010 MET ICP  
**Client:** ECCS  
**Date:** June 22, 2012

**General Information:**

2 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Sample Preparation:**

The samples were prepared in accordance with EPA 3050 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MPRP/7064

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4062163001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MSD (Lab ID: 624271)
- Zinc

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

Page 5 of 10

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### ANALYTICAL RESULTS

Project: A122502  
Pace Project No.: 4062124

Sample: A122502-01 Lab ID: 4062124001 Collected: 06/15/12 16:00 Received: 06/20/12 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Copper	7080	mg/kg	10.2	1.0	10	06/21/12 07:00	06/21/12 14:33	7440-50-8	
Nickel	762	mg/kg	10.2	0.78	10	06/21/12 07:00	06/21/12 14:33	7440-02-0	
Zinc	11400	mg/kg	40.6	9.8	10	06/21/12 07:00	06/21/12 14:33	7440-66-6	

**Percent Moisture** Analytical Method: ASTM D2974-87

Percent Moisture 8.0 % 0.10 0.10 1 06/20/12 16:12

Sample: A122502-02 Lab ID: 4062124002 Collected: 06/15/12 16:00 Received: 06/20/12 10:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Copper	8180	mg/kg	11.0	1.1	10	06/21/12 07:00	06/21/12 14:35	7440-50-8	
Nickel	577	mg/kg	11.0	0.85	10	06/21/12 07:00	06/21/12 14:35	7440-02-0	
Zinc	10900	mg/kg	44.2	10.6	10	06/21/12 07:00	06/21/12 14:35	7440-66-6	

**Percent Moisture** Analytical Method: ASTM D2974-87

Percent Moisture 11.0 % 0.10 0.10 1 06/20/12 16:12

**QUALITY CONTROL DATA**

Project: A122502  
Pace Project No.: 4062124

QC Batch: MPRP/7064      Analysis Method: EPA 6010  
QC Batch Method: EPA 3050      Analysis Description: 6010 MET  
Associated Lab Samples: 4062124001, 4062124002

METHOD BLANK: 624268      Matrix: Solid  
Associated Lab Samples: 4062124001, 4062124002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/kg	0.13J	1.0	06/21/12 13:11	
Nickel	mg/kg	<0.077	1.0	06/21/12 13:11	
Zinc	mg/kg	1.9J	4.0	06/21/12 13:11	

LABORATORY CONTROL SAMPLE: 624269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	mg/kg	50	48.7	97	80-120	
Nickel	mg/kg	50	50.1	100	80-120	
Zinc	mg/kg	50	49.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 624270      624271

Parameter	Units	4062163001 Result	MS Spike Conc.	MSD Spike Conc.	624270		624271		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
Copper	mg/kg	187	128	129	296	288	85	79	75-125	3	20
Nickel	mg/kg	21.4	128	129	139	139	92	92	75-125	0	20
Zinc	mg/kg	347	128	129	456	413	85	51	75-125	10	20 M0

**QUALITY CONTROL DATA**

Project: A122502  
Pace Project No.: 4062124

---

QC Batch: PMST/7189      Analysis Method: ASTM D2974-87  
QC Batch Method: ASTM D2974-87      Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 4062124001, 4062124002

---

SAMPLE DUPLICATE: 624034

Parameter	Units	4062122001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.4	19.4	10	10	

## QUALIFIERS

Project: A122502  
Pace Project No.: 4062124

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.



**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: A122502  
Pace Project No.: 4062124

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4062124001	A122502-01	EPA 3050	MPRP/7064	EPA 6010	ICP/6107
4062124002	A122502-02	EPA 3050	MPRP/7064	EPA 6010	ICP/6107
4062124001	A122502-01	ASTM D2974-87	PMST/7189		
4062124002	A122502-02	ASTM D2974-87	PMST/7189		



SUBCONTRACT ORDER

ECCS  
A122502

4062124

*Am*

SENDING LABORATORY:

ECCS  
2525 Advance Road  
Madison, WI 53718  
Phone: 608.221.8700  
Fax: 608,221,4889  
Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302  
Phone :(920) 469-2436  
Fax: (920) 469-8827

Turn around Time:  Normal

Project Name: Former Wabash Alloys (Connell) - Oak Creek, WI

Rush

	Laboratory ID	Comments
<p>001 Lab ID: A122502-01 <i>j soil other</i> Sampled: 06/15/2012 16:00</p> <p>Zinc Nickel Copper Containers Supplied: 03_4oz WM Amber Glass</p>	<input type="text"/>	<i>1-4oz ag<sup>A</sup></i>
<p>002 Lab ID: A122502-02 <i>j soil other</i> Sampled: 06/15/2012 16:00</p> <p>Zinc Nickel Copper Containers Supplied: 03_4oz WM Amber Glass</p>	<input type="text"/>	<i>1-4oz ag<sup>A</sup></i>

<i>Jessica Esser</i>	<i>06-19-12</i>	<i>Susank Wyle</i>	<i>6/20/12</i>
Released By	Date	Received By	Date
<i>Speedee</i>	<i>6/20/12 1000</i>	<i>Susank Wyle</i>	<i>6/20/12 1000</i>
Released By	Date	Received By	Date



**Sample Condition Upon Receipt**

Client Name: ECCS Project # 4062124

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other \_\_\_\_\_

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None Other \_\_\_\_\_

Thermometer Used N/A Type of Ice: Wet Blue Dry None  Samples on ice, cooling process has begun.

Cooler Temperature N/A Biological Tissue Is Frozen:  yes  no

Temp Blank Present:  yes  no  no

Temp should be above freezing to 6°C for all sample except Biota.

Biota Samples should be received ≤ 0°C.

Comments: \_\_\_\_\_

Person examining contents:

Date: 6-20-12

Initials: SKW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>5</u>	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review:

[Signature] DM

Date: 6/20/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office ( i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

July 10, 2012

Ms. Jessica Esser  
ECCS Nationwide Mobile Services  
2525 Advance Road  
Madison, WI 53718

Dear Ms. Esser:

Enclosed you will find the Stresau Laboratory Report # 12135-12136 for Division 4.1 Readily Combustible Solid and Division 4.3 Dangerous When Wet Testing of your sample. Full details are in the enclosed report.

An invoice to cover the cost of testing will be sent to your accounting department under separate cover.

We appreciate your business and look forward to working with you in the future. If we can be of further service, or, if you have any questions, please call me at (715) 635-2777.

Sincerely,



Racquel Z. Christner  
Hazardous Materials Technician

rc(12135-12136)



**LABORATORY REPORT NO. 12135-12136**

**"DIVISION 4.1 READILY COMBUSTIBLE SOLID"  
&  
"DIVISION 4.3 DANGEROUS WHEN WET"**

**TESTING**

**On Solid Materials**

July 10, 2012

for

ECCS Nationwide Mobile Services  
2525 Advance Road  
Madison, WI 53718

USA

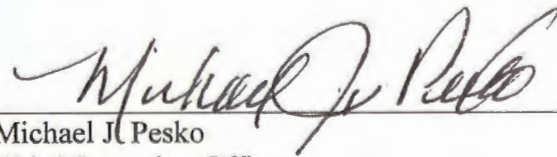
Attn: Ms. Jessica Esser

Prepared by:



Racquel Z. Christner  
Hazardous Materials Technician

Review by:



Michael J. Pesko  
Chief Operating Officer

Over Forty Years of Development • Evaluation • Production of Energetic Devices  
Classification • Packaging • Testing of Hazardous Materials



Prepared for: ECCS Nationwide Mobile Services  
 2525 Advance Road  
 Madison, WI 53718

“DIVISION 4.1 READILY COMBUSTIBLE SOLID” & “DIVISION 4.3 DANGEROUS WHEN WET” TESTING

**1.0 OBJECT**

Two samples, identified below, were subjected to Division 4.1 Readily Combustible Solid and Division 4.3 Dangerous When Wet Testing in accordance with the *Code of Federal Regulations, Title 49*, and the *United Nations Transport of Dangerous Goods-Manual of Tests and Criteria, Fifth revised edition (2009)* and Flammable Gas Testing as requested by Jessica Esser of ECCS Nationwide Mobile Services **Subcontract Order ECCS A122502**.

**2.0 IDENTIFICATION AND PHYSICAL APPEARANCE**

SAMPLE NAME	A122502-01 Jars “A”, “B”, and “C”	A122502-02 Jars “A”, “B”, and “C”
<b>STRESAU LABORATORY ID NO.</b>	12135	12136
<b>PHYSICAL APPEARAN CE</b>	Fine grey powder with various fragments	Grey to silver metallic fragments with grey powder mixture
The samples arrived at Stresau Laboratory, Inc. at ambient temperature in glass jars and were tested in the form received.		
		

**3.0 TEST CONDUCTED**

**Note:** Any modification to a test is discussed subsequent to the procedure.

### 3.1 UN TEST N.1, TEST METHOD FOR READILY COMBUSTIBLE SOLIDS

#### 3.1.0 SCOPE

*As intended by the United Nations, this test is performed to identify the ability of a substance to propagate combustion with different criteria for performing and assessing the results of testing for metal powders or powders of metal alloys and non-metallic pastes, powders and granular substances (United Nations, 2009, p. 353).*

**Testing and assessing the results obtained from the testing of this sample were based on the assumption that the sample is a metal powder.**

*The test is divided into two parts:*

#### **Part I Preliminary Screening**

*The first part is a Preliminary Screening to rule out substances that do not meet the criteria of Division 4.1 immediately. If a sample passes the Preliminary Screening, no further testing is required (United Nations, 2009, p. 353).*

#### **Part II Burn Rate Test**

*The second part is the Burn Rate Test and is required for substances that are not ruled out by the Preliminary Screening process (United Nations, 2009, p. 353).*

*Alternatively, if a substance is known to have a fast Burn Rate, the Preliminary Screening may be omitted from testing.*

**As requested by the customer, the Preliminary Screening was performed.**

#### 3.1.1

#### PART I

#### **PRELIMINARY SCREENING**

##### 3.1.1.1 PROCEDURE

A portion of the sample is poured into a rectangular mould and then inverted onto a cool impervious base plate to form an unbroken train with a height of 10 mm, width of 20 mm, and a length of 250 mm (United Nations, 2009, p. 353).

If a mould cannot be used, the sample is formed into the correct dimensions. A gas burner is then placed at one end of the sample and ignition is attempted for a maximum of two minutes (**5 minutes for metal powders**) in order to determine the burning rate along a 200 mm distance (United Nations, 2009, p. 353).

##### 3.1.1.2 CRITERIA

If a sample propagates combustion by burning or smoldering for a length of 200 mm in less than 2 minutes (**20 minutes for metal powders**), the Burn Rate test should be carried out (United Nations, 2009, p. 353).



3.1.1.3 RESULTS

Sample No.	Observations	Perform Burn Rate Test?
12135 & 12136	The samples were heated for five minutes and an orange/red glowing was observed in the area heated. The glowing ceased with the removal of the heating source and each of the samples appeared discolored in the area heated. At test completion, (20 minutes) the sample train was examined internally for signs of propagation of combustion and no signs of combustion were found. The darkened area extended into the timed zone approximately 20mm.	NO

3.1.1.4 DISCUSSION

Because the samples did not propagate combustion across a length of 200 mm in less than 20 minutes, the Burn Rate Test was not performed for either sample.

3.2 UN TEST N.5, DIVISION 4.3 DANGEROUS WHEN WET

3.2.0 SCOPE

*As intended by the United Nations, this test is performed to identify materials that, when in contact with water, are liable to become spontaneously flammable or to give off flammable or toxic gas at a rate of > 1L/kg of material/hr (United Nations, 2009, pp. 366-367).*

*The test is divided into four parts with the first three parts utilized only for substances likely to combust when in contact with water and each part being performed only if necessary. If during any part, a sample is determined to be Division 4.3 Dangerous When Wet and a packaging group is determined, no further testing is performed (United Nations, 2009, pp. 366-367).*

**Only Part IV, measuring gas evolution, was performed for Division 4.3 Dangerous When Wet Testing due to the customer's knowledge of the sample's unlikelihood of combusting when in contact with the water.**

3.2.1 PART IV

**MEASURING GAS EVOLUTION**



3.2.1.1 **PROCEDURE**

Varying amounts of a sample (25 g. max.) are placed in 3 separate Erlenmeyer flasks that are then attached to vacuum apparatuses and combined with enough distilled water via a funnel to measure the rate of between 100 and 250 ml of gas evolution (United Nations, 2009, p. 366).

The gas evolved is monitored every minute for one hour and then hourly for a minimum of 6 additional hours if a packing group cannot be determined by the minute readings of one hour. If a packaging group cannot be determined within the 7 hour monitoring or gas evolving is erratic or increasing, the sample trials may be monitored at varying lengths of time for up to 5 days (United Nations, 2009, p. 366).

~~The 5 day test can be concluded if the rate of evolution becomes steady or continually decreases and sufficient data has been established to assign a packing group to the substance or to determine that the substance should not be classified in Division 4.3. If the chemical identity of the gas is unknown, the gas should be tested for flammability (United Nations, 2009, p. 366).~~


3.2.1.2 **CRITERIA**

**Materials are considered to be Division 4.3 Water Reactive When:**

- A. Spontaneous ignition takes place in any step of the test procedure; or
- B. There is an evolution of a flammable gas at a rate greater than 1 liter per kilogram of the substance per hour (United Nations, 2009, p. 367).

<b>PGI</b>	Packing Group I is assigned to any substance which reacts vigorously with water at ambient temperatures and demonstrates a general tendency for the gas production to ignite spontaneously or which reacts readily with water at ambient temperature to produce a rate of evolution of flammable gas which is equal to or greater than 10 liters / kilogram of substance / minute (United Nations, 2009, p. 367).
<b>PGII</b>	Packing Group II is assigned to any substance which reacts readily with water at ambient temperatures to produce a rate of evolution of flammable gas which is equal to or greater than 20 liters / kilogram of substance / hour and which does not meet any of the criteria for Packing Group I (United Nations, 2009, p. 367).
<b>PGIII</b>	Packing Group III is assigned to any substance which reacts slowly with water at ambient temperatures such that a rate of evolution of flammable gas is greater than 1 liter / kilogram of substance / hour and which does not meet the criteria for Packing Group I and II (United Nations, 2009, p. 367).

3.2.1.3 RESULTS

3.2.1.3.1.1 READINGS												
Sample:	12135											
Trial:	1			2			3					
Date:	07/06/2012			07/06/2012			07/06/2012					
Temperature:	70.8 °F			70.8 °F			70.8 °F					
Humidity:	62.9 %			62.9 %			62.9 %					
Beginning Water/Oil Volume	250 ml			250 ml			250 ml					
Beginning Sample Weight	25.01 g			25.01 g			25.01 g					
Water Volume Added to sample	25 ml			25 ml			25 ml					
Beginning Time	00:00:00			00:00:00			00:00:00					
	Time	mls	Time	mls	Time	mls	Time	mls	Time	mls	Time	mls
 <p>Sample post-test appearance through reaction flask</p>	00:01:00	222	00:39:00	220	00:01:00	221	00:39:00	220	00:01:00	221	00:39:00	221
	00:02:00	222	00:40:00	220	00:02:00	221	00:40:00	220	00:02:00	221	00:40:00	221
	00:03:00	222	00:41:00	220	00:03:00	221	00:41:00	220	00:03:00	221	00:41:00	221
	00:04:00	222	00:42:00	220	00:04:00	221	00:42:00	220	00:04:00	221	00:42:00	221
	00:05:00	222	00:43:00	220	00:05:00	221	00:43:00	220	00:05:00	221	00:43:00	221
	00:06:00	222	00:44:00	220	00:06:00	221	00:44:00	220	00:06:00	221	00:44:00	220
	00:07:00	222	00:45:00	220	00:07:00	221	00:45:00	220	00:07:00	221	00:45:00	220
	00:08:00	222	00:46:00	220	00:08:00	221	00:46:00	220	00:08:00	221	00:46:00	220
	00:09:00	222	00:47:00	220	00:09:00	221	00:47:00	220	00:09:00	221	00:47:00	220
	00:10:00	222	00:48:00	220	00:10:00	221	00:48:00	220	00:10:00	221	00:48:00	220
	00:11:00	222	00:49:00	220	00:11:00	221	00:49:00	220	00:11:00	221	00:49:00	220
	00:12:00	222	00:50:00	220	00:12:00	221	00:50:00	220	00:12:00	221	00:50:00	220
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	00:14:00	222	00:52:00	220	00:14:00	221	00:52:00	220	00:14:00	221	00:52:00	220
	00:15:00	222	00:53:00	220	00:15:00	221	00:53:00	220	00:15:00	221	00:53:00	220
	00:16:00	222	00:54:00	220	00:16:00	221	00:54:00	220	00:16:00	221	00:54:00	220
	00:17:00	222	00:55:00	220	00:17:00	221	00:55:00	220	00:17:00	221	00:55:00	220
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	00:25:00	221	04:00:00	213	00:25:00	221	04:00:00	218	00:25:00	221	04:00:00	214
	00:26:00	221	05:00:00	211	00:26:00	221	05:00:00	217	00:26:00	221	05:00:00	213
	00:27:00	221	06:00:00	210	00:27:00	220	06:00:00	217	00:27:00	221	06:00:00	212
	00:28:00	221	07:00:00	209	00:28:00	220	07:00:00	217	00:28:00	221	07:00:00	212
	00:29:00	221	09:00:00	207	00:29:00	220	09:00:00	217	00:29:00	221	09:00:00	212
	00:30:00	221			00:30:00	220			00:30:00	221		
	00:31:00	221			00:31:00	220			00:31:00	221		
	00:32:00	221			00:32:00	220			00:32:00	221		
00:33:00	221			00:33:00	220			00:33:00	221			
00:34:00	221			00:34:00	220			00:34:00	221			
00:35:00	221			00:35:00	220			00:35:00	221			
00:36:00	221			00:36:00	220			00:36:00	221			
00:37:00	221			00:37:00	220			00:37:00	221			
00:38:00	221			00:38:00	220			00:38:00	221			
Maximum Gas Evolution Rate	0.20 L/Kg/Hr.			0.20 L/Kg/Hr.			0.20 L/Kg/Hr.					
Hour	1 <sup>st</sup>			1 <sup>st</sup>			1 <sup>st</sup>					



3.2.1.3.1.2

MATHEMATICAL CALCULATIONS FOR MAXIMUM GAS EVOLUTION RATE

**SAMPLE NO. 12135**

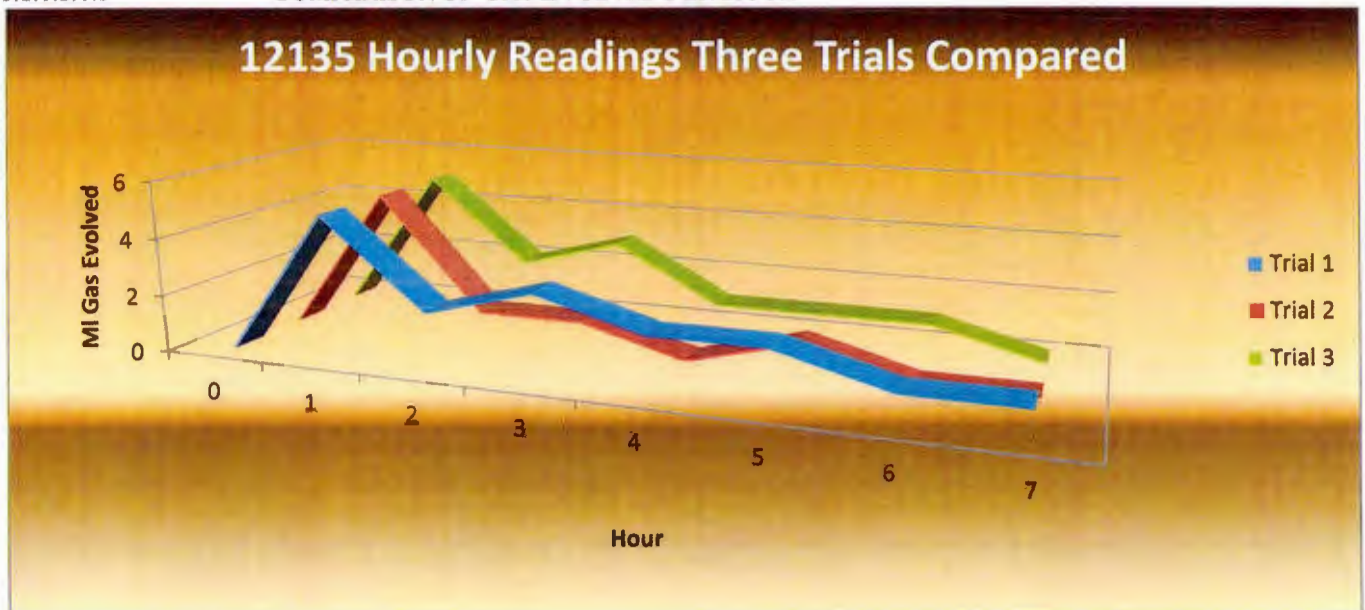
Trial 1 Gas Evolution Calculations		
Hr	ml Gas Evolved	ml/g/hr = L/Kg/Hr
1	250ml oil to start with – 25ml water added to sample = 225ml vol. of oil at the beginning of the hour  225ml – 220 ml vol. of oil at the end of the hour= 5ml of gas evolved from sample.	5 ml gas evolved 25.01 g sample
		=0.20 L/Kg/Hr

Trial 2 Gas Evolution Calculations		
Hr	ml Gas Evolved	ml/g/hr = L/Kg/Hr
1	250ml oil to start with – 25ml water added to sample = 225ml vol. of oil at the beginning of the hour  225ml – 220 ml vol. of oil at the end of the hour= 5ml of gas evolved from sample.	5 ml gas evolved 25.01 g sample
		=0.20 L/Kg/Hr

Trial 3 Gas Evolution Calculations		
Hr	ml Gas Evolved	ml/g/hr = L/Kg/Hr
1	250ml oil to start with – 25ml water added to sample = 225ml vol. of oil at the beginning of the hour  225ml – 220 ml vol. of oil at the end of the hour= 5ml of gas evolved from sample.	5 ml gas evolved 25.01 g sample
		=0.20 L/Kg/Hr

3.2.1.3.1.3

COMPARISON OF GAS EVOLVED PER HOUR




3.2.1.3.1.4

**DISCUSSION**

Testing was concluded after 7 hours because the rate of gas evolution appeared to be steady and declining. Because the sample did not evolve gas at a rate greater than 1 liter / kilogram of substance / hour in at least one of three trials, Flammable Gas Testing was not performed on the material to determine if any gas evolved was flammable.



3.2.1.3.2.1 READINGS												
Sample:	12136											
Trial:	1				2				3			
Date:	07/10/2012				07/10/2012				07/10/2012			
Temperature:	70.4 °F				70.4 °F				70.4 °F			
Humidity:	68.9 %				68.9 %				68.9 %			
Beginning Water/Oil Volume	250 ml				250 ml				250 ml			
Beginning Sample Weight	25.00 g				25.00 g				25.00 g			
Water Volume Added to sample	25 ml				25 ml				25 ml			
Beginning Time	00:00:00				00:00:00				00:00:00			
	Time	mls	Time	mls	Time	mls	Time	mls	Time	mls	Time	mls
 <p>Sample post-test appearance through reaction flask</p>	00:01:00	222	00:39:00	221	00:01:00	220	00:39:00	220	00:01:00	223	00:39:00	221
	00:02:00	222	00:40:00	221	00:02:00	220	00:40:00	220	00:02:00	222	00:40:00	221
	00:03:00	222	00:41:00	221	00:03:00	220	00:41:00	220	00:03:00	222	00:41:00	221
	00:04:00	222	00:42:00	221	00:04:00	220	00:42:00	220	00:04:00	222	00:42:00	221
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	00:22:00	222	01:00:00	221	00:22:00	220	01:00:00	220	00:22:00	221	01:00:00	221
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	00:30:00	222			00:30:00	220			00:30:00	221		
00:31:00	222			00:31:00	220			00:31:00	221			
00:32:00	222			00:32:00	220			00:32:00	221			
00:33:00	222			00:33:00	220			00:33:00	221			
00:34:00	222			00:34:00	220			00:34:00	221			
00:35:00	222			00:35:00	220			00:35:00	221			
00:36:00	222			00:36:00	220			00:36:00	221			
00:37:00	222			00:37:00	220			00:37:00	221			
00:38:00	222			00:38:00	220			00:38:00	221			
Maximum Gas Evolution Rate	0.16 L/Kg/Hr.				0.20 L/Kg/Hr.				0.16 L/Kg/Hr			
Hour	1 <sup>st</sup>				1 <sup>st</sup>				1 <sup>st</sup>			



3.2.1.3.2.2

MATHEMATICAL CALCULATIONS FOR MAXIMUM GAS EVOLUTION RATE

**SAMPLE NO. 12136**

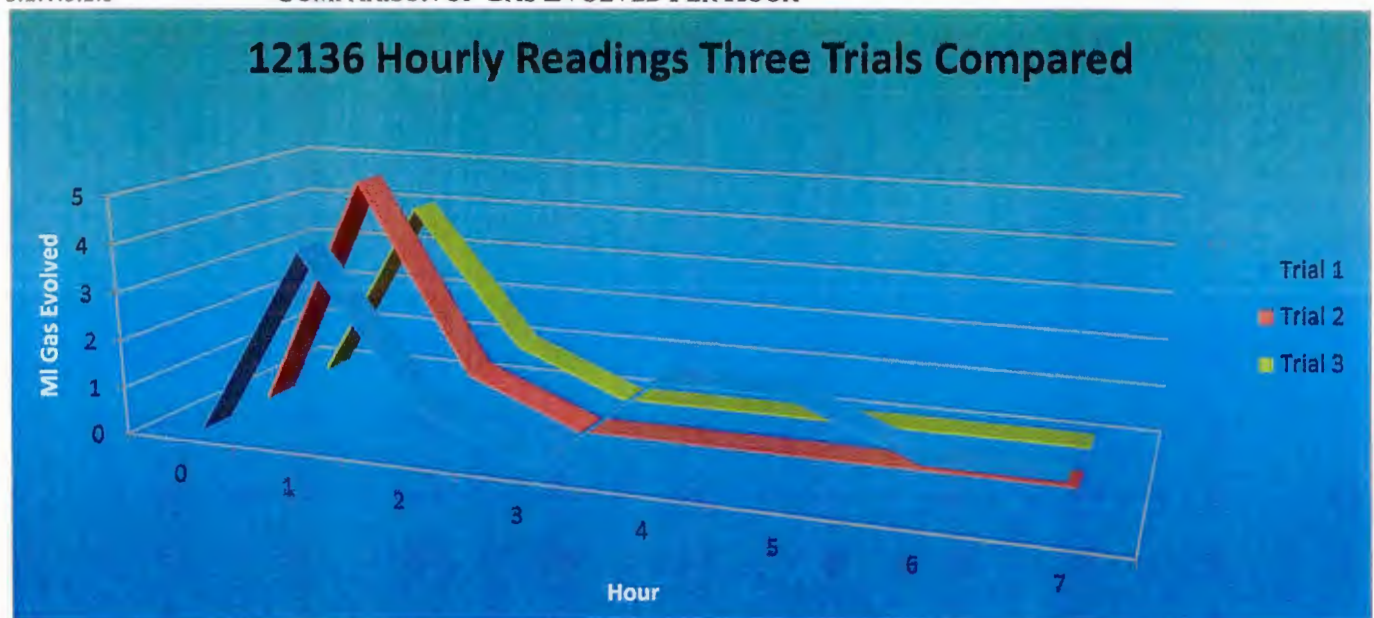
Trial 1 Gas Evolution Calculations			
Hr	ml Gas Evolved	ml/g/hr = L/Kg/Hr	
1	250ml oil to start with – 25ml water added to sample = 225ml vol. of oil at the beginning of the hour	4 ml gas evolved	=0.16 L/Kg/Hr
	225ml – 221 ml vol. of oil at the end of the hour= 4ml of gas evolved from sample.	25.00 g sample	

Trial 2 Gas Evolution Calculations			
Hr	ml Gas Evolved	ml/g/hr = L/Kg/Hr	
1	250ml oil to start with – 25ml water added to sample = 225ml vol. of oil at the beginning of the hour	5 ml gas evolved	=0.20 L/Kg/Hr
	225ml – 220 ml vol. of oil at the end of the hour= 5ml of gas evolved from sample.	25.00 g sample	

Trial 3 Gas Evolution Calculations			
Hr	ml Gas Evolved	ml/g/hr = L/Kg/Hr	
1	250ml oil to start with – 25ml water added to sample = 225ml vol. of oil at the beginning of the hour	4 ml gas evolved	=0.16 L/Kg/Hr
	225ml – 221 ml vol. of oil at the end of the hour= 4ml of gas evolved from sample.	25.00 g sample	

3.2.1.3.2.3

COMPARISON OF GAS EVOLVED PER HOUR



3.2.1.3.2.4

**DISCUSSION**

Testing was concluded after 7 hours because the rate of gas evolution appeared to be steady and declining. Because the sample did not evolve gas at a rate greater than 1 liter / kilogram of substance / hour in at least one of three trials, Flammable Gas Testing was not performed on the material to determine if any gas evolved was flammable.

#### 4.0 CONCLUSIONS

Based on the above test results, the following conclusions were made:

- 1) The materials represented by samples # 12135 and # 12136 do not appear to be Division 4.1 Flammable Solids as defined by UN/DOT criteria for testing solids. This is because neither of the samples propagated combustion across a length of 200 mm in less than 20 minutes when the Division 4.1 Flammable Solid Preliminary Screening for metal powders was performed on each of the materials.
- 2) The materials represented by samples # 12135 and # 12136 do not appear to be Division 4.3 Dangerous When Wet according to UN/DOT criteria. This is because a gas evolution of greater than 1 L/Kg/Hr was not observed in any of the three trials performed on the materials tested in Part 4 of the UN Division 4.3 Dangerous When Wet Test performed on the materials.

The conclusions represent our interpretation of the test data, as defined by the listed test specifications. The conclusions contained in this report are for the customer's informational purposes only.

#### 5.0 DATA STORAGE

The field data for this report is contained in Data Book #SLF 2012-1, and will be filed with Stresau Laboratory Document Control. No video or photographic documentation was made.

#### 6.0 TEST SERVICES

For the benefit of our customers, Stresau Laboratory, Inc. will, on occasion, use outside testing services to either expedite or qualify our own testing capabilities.

**References**

United Nations. (2009). *Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria* (5th ed.). New York and Geneva: United Nations. (pp. 351-367).

**Report # 12135-12136 Appendix A**

**EQUIPMENT QUALITY TRACEABILITY FORM**

Customer: ECCS Nationwide Mobile Services  
Job Code: 4000  
Stresau Report #: HMT 12135-12136  
Procedure #: TP 190, TP 169  
Date: July 9, 2012  
Report by: Racquel Z. Christner

Item	Mfg.	Model	Stresau Equip. #	Quality Status
<b>TP 190</b>				
Stopwatch	Control Co.	06-662-50	1783	2
Stopwatch	Control Co.	06-662-50	1782	2
Stopwatch	Control Co.	06-662-50	1780	2
Temperature & Humidity Balance	Dickson	TH625	1667	2
	Mettler	PE 1600	0077	2
<b>TP 169</b>				
Stopwatch	Control Co.	06-662-50	1779	2
Stopwatch	Control Co.	06-662-50	1784	2
Test Plate	Stresau Lab	P/N 1301001-8	1171	2
Test Plate	Stresau Lab	P/N 1301001-8	1172	2

Attach additional forms if needed

Equipment # = Traceable to Stresau Quality System

Status: 1 = Not in calibration system

2 = Calibration current as of date listed.

3 = Other. Attach MRR or other documentation as needed

FORM # 96C654

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07 August 2012

Julie Zimdars  
Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee, WI 53072

RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 07/27/2012.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser  
Project Manager

Certification List		Expires	
ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2013
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2013
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012



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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 08/07/2012
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Exterior Stockpile Composite Northeast	A123024-01	Soil	07/24/2012	07/27/2012

A208013-MS1 and A208013-MSD1 have a coelution peak near TCMX. This is causing the calculated result for the recovery of TCMX to be above acceptable limits. The unknown does not separate adequately from TCMX, but the peak in the samples is about 0.02 minutes later than only TCMX.



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**Exterior Stockpile Composite Northeast**  
**A123024-01 (Soil)**

Date Sampled  
07/24/2012 14:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.011	0.071	mg/kg dry	1	08/02/2012	08/03/2012 23:23	EPA 8082	
PCB-1221	ND	0.0090	0.071	mg/kg dry	1	08/02/2012	08/03/2012 23:23	EPA 8082	
PCB-1232	ND	0.010	0.071	mg/kg dry	1	08/02/2012	08/03/2012 23:23	EPA 8082	
PCB-1242	ND	0.0063	0.071	mg/kg dry	1	08/02/2012	08/03/2012 23:23	EPA 8082	
PCB-1248	2.4	0.0076	0.071	mg/kg dry	1	08/02/2012	08/03/2012 23:23	EPA 8082	
PCB-1254	2.4	0.0063	0.071	mg/kg dry	1	08/02/2012	08/03/2012 23:23	EPA 8082	
PCB-1260	1.0	0.0034	0.071	mg/kg dry	1	08/02/2012	08/03/2012 23:23	EPA 8082	
<b>Total PCBs</b>	<b>5.9</b>	<b>0.0034</b>	<b>0.071</b>	<b>mg/kg dry</b>	<b>1</b>	<b>08/02/2012</b>	<b>08/03/2012 23:23</b>	<b>EPA 8082</b>	
<i>Surrogate: Decachlorobiphenyl</i>			<b>99.1 %</b>	<b>81.7-160</b>		<b>08/02/2012</b>	<b>08/03/2012 23:23</b>	<b>EPA 8082</b>	
<i>Surrogate: Tetrachloro-meta-xylene</i>			<b>92.5 %</b>	<b>80.6-148</b>		<b>08/02/2012</b>	<b>08/03/2012 23:23</b>	<b>EPA 8082</b>	

**Classical Chemistry Parameters**

% Solids	70.0		0.00	% by Weight	1	07/31/2012	08/02/2012 15:15	SM 2540B	
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**Pace Analytical**

**ASTM D2974-87**

Percent Moisture	31.5	0.10	0.10	% dry	1	08/02/2012	08/02/2012 17:39	ASTM D2974-87	
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**EPA 6010**

Nickel	244	0.10	1.4	mg/kg dry	1	08/01/2012	08/02/2012 17:35	EPA 6010	
Zinc	13600	6.5	27.1	mg/kg dry	5	08/01/2012	08/03/2012 12:10	EPA 6010	
Copper	11100	0.67	6.8	mg/kg dry	5	08/01/2012	08/03/2012 12:10	EPA 6010	

**EPA 6010**

Arsenic	ND	0.12	0.25	mg/L	1	08/02/2012	08/03/2012 13:16	EPA 6010	
Lead	3.0	0.015	0.038	mg/L	1	08/02/2012	08/03/2012 13:16	EPA 6010	
Selenium	ND	0.12	0.25	mg/L	1	08/02/2012	08/03/2012 13:16	EPA 6010	
Barium	7.8	1.2	2.5	mg/L	1	08/02/2012	08/03/2012 13:16	EPA 6010	
Silver	ND	0.12	0.25	mg/L	1	08/02/2012	08/03/2012 13:16	EPA 6010	
Cadmium	0.10	0.0025	0.0050	mg/L	1	08/02/2012	08/03/2012 13:16	EPA 6010	
Chromium	ND	0.12	0.25	mg/L	1	08/02/2012	08/03/2012 13:16	EPA 6010	

**EPA 7470**

Mercury	ND	0.10	0.20	ug/L	1	08/02/2012	08/03/2012 10:29	EPA 7470	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 08/07/2012
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A208013 - EPA 3570**

<b>Blank (A208013-BLK1)</b>		Prepared: 08/02/2012 Analyzed: 08/03/2012 21:18								
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.237		mg/kg wet	0.2400		98.7	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.239		mg/kg wet	0.2400		99.6	80.6-148			

<b>LCS (A208013-BS1)</b>		Prepared: 08/02/2012 Analyzed: 08/03/2012 21:43								
PCB-1248	1.97	0.050	mg/kg wet	2.000		98.4	70-130			
Surrogate: Decachlorobiphenyl	0.222		mg/kg wet	0.2400		92.5	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.228		mg/kg wet	0.2400		94.9	80.6-148			

<b>Matrix Spike (A208013-MS1)</b>		Source: A123120-01		Prepared: 08/02/2012 Analyzed: 08/04/2012 10:49						
PCB-1248	4.95	0.078	mg/kg dry	3.123	3.93	32.4	60-140			M1
Surrogate: Decachlorobiphenyl	0.367		mg/kg dry	0.3747		98.0	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.674		mg/kg dry	0.3747		180	80.6-148			R

<b>Matrix Spike Dup (A208013-MSD1)</b>		Source: A123120-01		Prepared: 08/02/2012 Analyzed: 08/04/2012 11:14						
PCB-1248	4.94	0.078	mg/kg dry	3.123	3.93	32.1	60-140	1.03	20	M1
Surrogate: Decachlorobiphenyl	0.347		mg/kg dry	0.3747		92.7	81.7-160			
Surrogate: Tetrachloro-meta-xylene	1.33		mg/kg dry	0.3747		354	80.6-148			R





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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 08/07/2012
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**Classical Chemistry Parameters - Quality Control**

**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A207132 - No Preparation**

Duplicate (A207132-DUP1)

Source: A123013-01

Prepared: 07/31/2012 Analyzed: 08/02/2012 15:15

% Solids	96.2	0.00	% by Weight		96.2			0.0704	20	
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Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

**Reported:**  
08/07/2012

### Notes and Definitions

- R See the sample narrative.
- M1 Spike recoveries were not evaluated because of elevated levels of the spiked analyte in the parent sample.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095				Lab Work Order #: <u>A123024</u>				Mail Report To: Julie Zimdars										
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT										
Project Location: Oak Creek, WI				Analyses Requested				Address: 23713 W. Paul Rd , Unit D										
Turn Around (check one): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Matrix</th> <th>Total # of Containers</th> <th>PCBs method 8082</th> <th>TCLP RCRA Metals</th> <th>Total nickel</th> <th>Total Copper</th> <th>Total Zinc</th> </tr> </table>				Matrix	Total # of Containers	PCBs method 8082	TCLP RCRA Metals	Total nickel	Total Copper	Total Zinc	E-mail Address: jzimdars@naturalrt.com			
Matrix	Total # of Containers	PCBs method 8082	TCLP RCRA Metals					Total nickel	Total Copper	Total Zinc								
If Rush, Report Due Date:				Invoice To: NRT Account'g														
Sampled By (Print): Sarah Ganswindt				Company: NRT				Address: same										
Sample Description	Collection		Matrix	Total # of Containers	PCBs method 8082	TCLP RCRA Metals	Total nickel	Total Copper	Total Zinc	Comments	Lab ID	Lab Receipt Time						
	Date	Time																
Exterior Stockpile Composite Northeast	7/24/2012	02:00	S	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		01							
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
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			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
			S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
<b>Preservation Codes</b> A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate)		<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*		Relinquished By: <u>Sarah Ganswindt</u> Date: <u>7/26/12</u> Time: <u>1:45</u>		Received By: <u>[Signature]</u> Date: <u>7/26/12</u> Time: <u>5:02</u>		Relinquished By: <u>[Signature]</u> Date: <u> </u> Time: <u> </u>		Received By: <u>[Signature]</u> Date: <u>7/26/12</u> Time: <u>1:34</u>								
<b>Matrix Codes</b> A=Air S=Soil W=Water O=Other				Custody Seal: <input checked="" type="checkbox"/> Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Seal #s: <u> </u>		Shipped Via: <u>Unhams</u> Receipt Temp: <u>0.5°C</u> Temp Blank: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N								

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August 03, 2012

Jessica Esser  
ECCS  
2525 Advance Road  
Madison, WI 53718

RE: Project: A123024  
Pace Project No.: 4064218

Dear Jessica Esser:

Enclosed are the analytical results for sample(s) received by the laboratory on July 28, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian Basten for  
Dan Milewsky  
dan.milewsky@pacelabs.com  
Project Manager

Enclosures

cc: Jessica Esser, ECCS



## REPORT OF LABORATORY ANALYSIS

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Page 1 of 11



## CERTIFICATIONS

Project: A123024  
Pace Project No.: 4064218

---

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334

New York Certification #: 11888  
North Carolina Certification #: 503  
North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
US Dept of Agriculture #: S-76505  
Wisconsin Certification #: 405132750

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## REPORT OF LABORATORY ANALYSIS

Page 2 of 11

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### SAMPLE SUMMARY

Project: A123024  
Pace Project No.: 4064218

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
4064218001	A123024-01	Solid	07/24/12 14:00	07/28/12 10:15

### REPORT OF LABORATORY ANALYSIS

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**SAMPLE ANALYTE COUNT**

Project: A123024  
Pace Project No.: 4064218

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4064218001	A123024-01	EPA 6010	MMZ	3
		EPA 6010	MMZ	7
		EPA 7470	CMS	1
		ASTM D2974-87	AH	1

**REPORT OF LABORATORY ANALYSIS**

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**ANALYTICAL RESULTS**

Project: A123024  
Pace Project No.: 4064218

**Sample: A123024-01      Lab ID: 4064218001      Collected: 07/24/12 14:00      Received: 07/28/12 10:15      Matrix: Solid**

**Results reported on a "dry-weight" basis**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3050									
Copper	11100	mg/kg	6.8	0.67	5	08/01/12 18:20	08/03/12 12:10	7440-50-8	
Nickel	244	mg/kg	1.4	0.10	1	08/01/12 18:20	08/02/12 17:35	7440-02-0	
Zinc	13600	mg/kg	27.1	6.5	5	08/01/12 18:20	08/03/12 12:10	7440-66-6	
<b>6010 MET ICP, TCLP</b>									
Analytical Method: EPA 6010    Preparation Method: EPA 3010									
Leachate Method/Date: EPA 1311; 08/01/12 00:00									
Arsenic	<0.12	mg/L	0.25	0.12	1	08/02/12 10:40	08/03/12 13:16	7440-38-2	
Barium	7.8	mg/L	2.5	1.2	1	08/02/12 10:40	08/03/12 13:16	7440-39-3	
Cadmium	0.10	mg/L	0.0050	0.0025	1	08/02/12 10:40	08/03/12 13:16	7440-43-9	
Chromium	<0.12	mg/L	0.25	0.12	1	08/02/12 10:40	08/03/12 13:16	7440-47-3	
Lead	3.0	mg/L	0.038	0.015	1	08/02/12 10:40	08/03/12 13:16	7439-92-1	
Selenium	<0.12	mg/L	0.25	0.12	1	08/02/12 10:40	08/03/12 13:16	7782-49-2	
Silver	<0.12	mg/L	0.25	0.12	1	08/02/12 10:40	08/03/12 13:16	7440-22-4	
<b>7470 Mercury, TCLP</b>									
Analytical Method: EPA 7470    Preparation Method: EPA 7470									
Leachate Method/Date: EPA 1311; 08/01/12 00:00									
Mercury	<0.10	ug/L	0.20	0.10	1	08/02/12 15:35	08/03/12 10:29	7439-97-6	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	31.5	%	0.10	0.10	1		08/02/12 17:39		



**QUALITY CONTROL DATA**

Project: A123024  
Pace Project No.: 4064218

QC Batch: MERP/3214      Analysis Method: EPA 7470  
QC Batch Method: EPA 7470      Analysis Description: 7470 Mercury TCLP  
Associated Lab Samples: 4064218001

METHOD BLANK: 647251      Matrix: Water  
Associated Lab Samples: 4064218001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.10	0.20	08/03/12 10:12	

LABORATORY CONTROL SAMPLE: 647252

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	5.0	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 647253      647254

Parameter	Units	4064443001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.10	5	5	4.8	4.7	95	92	85-115	3	20	

**QUALITY CONTROL DATA**

Project: A123024  
Pace Project No.: 4064218

QC Batch: MPRP/7274 Analysis Method: EPA 6010  
QC Batch Method: EPA 3050 Analysis Description: 6010 MET  
Associated Lab Samples: 4064218001

METHOD BLANK: 645842 Matrix: Solid  
Associated Lab Samples: 4064218001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/kg	<0.099	1.0	08/02/12 17:06	
Nickel	mg/kg	<0.077	1.0	08/02/12 17:06	
Zinc	mg/kg	<0.96	4.0	08/02/12 17:06	

LABORATORY CONTROL SAMPLE: 645843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	mg/kg	50	49.3	99	80-120	
Nickel	mg/kg	50	48.4	97	80-120	
Zinc	mg/kg	50	49.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 645844 645845

Parameter	Units	4064443001		645845		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						MSD Result
Copper	mg/kg	11.0	61.1	60.6	66.1	66.6	90	92	75-125	1	20
Nickel	mg/kg	73.2	61.1	60.6	127	125	89	85	75-125	2	20
Zinc	mg/kg	39.7	61.1	60.6	92.3	95.0	86	91	75-125	3	20



**QUALITY CONTROL DATA**

Project: A123024  
 Pace Project No.: 4064218

QC Batch: MPRP/7283 Analysis Method: EPA 6010  
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP  
 Associated Lab Samples: 4064218001

METHOD BLANK: 646602 Matrix: Water  
 Associated Lab Samples: 4064218001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	<0.025	0.050	08/03/12 12:38	
Barium	mg/L	<0.25	0.50	08/03/12 12:38	
Cadmium	mg/L	<0.00050	0.0010	08/03/12 12:38	
Chromium	mg/L	<0.025	0.050	08/03/12 12:38	
Lead	mg/L	<0.0030	0.0075	08/03/12 12:38	
Selenium	mg/L	<0.025	0.050	08/03/12 12:38	
Silver	mg/L	<0.025	0.050	08/03/12 12:38	

LABORATORY CONTROL SAMPLE: 646603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.48	95	80-120	
Barium	mg/L	.5	0.47J	95	80-120	
Cadmium	mg/L	.5	0.48	95	80-120	
Chromium	mg/L	.5	0.48	96	80-120	
Lead	mg/L	.5	0.48	96	80-120	
Selenium	mg/L	.5	0.48	96	80-120	
Silver	mg/L	.25	0.24	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 646604 646605

Parameter	Units	4064443001		MS	MSD	MS	MSD	MS	MSD	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
Arsenic	mg/L	2.9	2.5	2.5	2.5	5.5	5.6	103	107	75-125	2	20
Barium	mg/L	<1.2	2.5	2.5	2.5	2.6	2.6	95	95	75-125	0	20
Cadmium	mg/L	0.0071	2.5	2.5	2.5	2.4	2.5	97	98	75-125	1	20
Chromium	mg/L	<0.12	2.5	2.5	2.5	2.4	2.4	96	96	75-125	0	20
Lead	mg/L	<0.015	2.5	2.5	2.5	2.4	2.4	96	96	75-125	0	20
Selenium	mg/L	<0.12	2.5	2.5	2.5	2.4	2.4	98	97	75-125	1	20
Silver	mg/L	<0.12	1.2	1.2	1.2	1.2	1.2	97	98	75-125	1	20

**QUALITY CONTROL DATA**

Project: A123024  
Pace Project No.: 4064218

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QC Batch: PMST/7402	Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87	Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4064218001	

---

SAMPLE DUPLICATE: 646931

Parameter	Units	4064321012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.1	6.3	3	10	



## QUALIFIERS

Project: A123024  
Pace Project No.: 4064218

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### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

~~S - Surrogate~~

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: A123024  
Pace Project No.: 4064218

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4064218001	A123024-01	EPA 3050	MPRP/7274	EPA 6010	ICP/6311
4064218001	A123024-01	EPA 3010	MPRP/7283	EPA 6010	ICP/6315
4064218001	A123024-01	EPA 7470	MERP/3214	EPA 7470	MERC/3752
4064218001	A123024-01	ASTM D2974-87	PMST/7402		



SUBCONTRACT ORDER

ECCS  
A123024 *EMH*

SENDING LABORATORY:

ECCS  
2525 Advance Road  
Madison, WI 53718  
Phone: 608.221.8700  
Fax: 608,221,4889  
Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302  
Phone :(920) 469-2436  
Fax: (920) 469-8827

Turn around Time:        Normal

Project Name: Former Wabash Alloys (Connell) - Oak Creek, WI        Rush

		Laboratory ID	Comments
Lab ID: A123024-01	Soil		
Zinc			<i>3 Hozyag A</i>  <i>TCLP</i> RCRA Metals
Nickel			
Copper			
1311 TCLP Extraction			
Containers Supplied:			

<i>K Braatman</i>	<i>7/24/12</i>	Released By	Date	<i>E. H. Pacey</i>	<i>PaceGB</i>	Received By	Date
<i>FedEx</i>	<i>7/28/12</i>		<i>1015</i>				<i>7/28/12 1015</i>
Released By	Date	Received By	Date	Received By	Date	Received By	Date

M1064218



**Sample Condition Upon Receipt**

Client Name: ECCS Project # 4064218

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other \_\_\_\_\_

Tracking #: 7938 4171 5673

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None Other \_\_\_\_\_

Thermometer Used N/A

Type of Ice:  Wet  Blue  Dry  None

Samples on Ice, cooling process has begun.

Cooler Temperature ROT

Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Person examining contents:  
Date: 7/28/12  
Initials: KMH

Temp should be above freezing to 6°C for all sample except Biota.  
Biota Samples should be received ≤ 0°C.

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>S</u>	
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Field Data Required? Y / N

Comments/ Resolution: \_\_\_\_\_

Project Manager Review:

[Signature]

Date: 7/28/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)





2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

13 August 2012

Kate Juno  
Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee, WI 53072

RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 08/06/2012.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser  
Project Manager

Certification List			Expires
ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2013
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2013
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012



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Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Kate Juno

Reported:  
08/13/2012

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Grey Paint on Truss	A123203-01	Paint Chips	07/24/2012	08/06/2012
Ceiling Paint	A123203-02	Paint Chips	07/24/2012	08/06/2012

Samples were received in a box with no ice present.

No percents solids was performed as samples were paint. Results are reportd on an as is basis.

Sample A123203-02 (ceiling paint) had high levels of PCB's in the sample as well as late eluting unknowns. Surrogate DCBP was above the acceptable range due to coeluting unknowns.



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 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Kate Juno	Reported: 08/13/2012
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**Grey Paint on Truss**  
**A123203-01 (Paint Chips)**

Date Sampled  
 07/24/2012 11:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>0.64</b>	0.012	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
PCB-1221	ND	0.011	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
PCB-1232	ND	0.012	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
PCB-1242	ND	0.0074	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
<b>PCB-1248</b>	<b>1.7</b>	0.0089	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
<b>PCB-1254</b>	<b>3.2</b>	0.0074	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
PCB-1260	ND	0.0040	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
<b>Total PCBs</b>	<b>5.5</b>	0.0040	0.084	mg/kg wet	1	08/07/2012	08/07/2012 22:17	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			97.9 %	81.7-160		08/07/2012	08/07/2012 22:17	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			98.0 %	80.6-148		08/07/2012	08/07/2012 22:17	EPA 8082	



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 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Kate Juno	Reported: 08/13/2012
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**Ceiling Paint**  
**A123203-02 (Paint Chips)**

Date Sampled  
07/24/2012 11:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

<b>PCB-1016</b>	<b>29</b>	0.80	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	D
PCB-1221	ND	0.68	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	
PCB-1232	ND	0.76	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	
PCB-1242	ND	0.48	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	
<b>PCB-1248</b>	<b>98</b>	0.57	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	D
<b>PCB-1254</b>	<b>230</b>	0.48	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	D
PCB-1260	ND	0.26	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	
<b>Total PCBs</b>	<b>350</b>	0.26	5.4	mg/kg wet	100	08/07/2012	08/08/2012 12:58	EPA 8082	D
<i>Surrogate: Decachlorobiphenyl</i>			577 %	81.7-160		08/07/2012	08/07/2012 23:08	EPA 8082	R, S
<i>Surrogate: Tetrachloro-meta-xylene</i>			103 %	80.6-148		08/07/2012	08/07/2012 23:08	EPA 8082	





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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Kate Juno	Reported: 08/13/2012
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A208027 - EPA 3570**

<b>Blank (A208027-BLK1)</b>										
Prepared: 08/07/2012 Analyzed: 08/07/2012 21:02										
PCB-1016	ND	0.050	mg/kg wet							
PCB-1221	ND	0.050	mg/kg wet							
PCB-1232	ND	0.050	mg/kg wet							
PCB-1242	ND	0.050	mg/kg wet							
PCB-1248	ND	0.050	mg/kg wet							
PCB-1254	ND	0.050	mg/kg wet							
PCB-1260	ND	0.050	mg/kg wet							
Total PCBs	ND	0.050	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.122		mg/kg wet	0.1200		101	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.121		mg/kg wet	0.1200		101	80.6-148			

<b>LCS (A208027-BS1)</b>										
Prepared: 08/07/2012 Analyzed: 08/07/2012 21:27										
PCB-1248	2.02	0.050	mg/kg wet	2.000		101	70-130			
Surrogate: Decachlorobiphenyl	0.120		mg/kg wet	0.1200		99.9	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.118		mg/kg wet	0.1200		98.6	80.6-148			

<b>LCS Dup (A208027-BSD1)</b>										
Prepared: 08/07/2012 Analyzed: 08/07/2012 21:52										
PCB-1248	2.03	0.050	mg/kg wet	2.000		101	70-130	0.406	20	
Surrogate: Decachlorobiphenyl	0.119		mg/kg wet	0.1200		99.3	81.7-160			
Surrogate: Tetrachloro-meta-xylene	0.121		mg/kg wet	0.1200		101	80.6-148			



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Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Kate Juno

Reported:  
08/13/2012

#### Notes and Definitions

- S Surrogate recovery was outside of laboratory control limits due to an apparent matrix effect.
- R See the sample narrative.
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095				Lab Work Order #: <b>A123203</b>				Mail Report To: Kate Juno																																																																																																																																																												
Project Name: Connell				Preservation Codes				Company: Natural Resource Technology, Inc.																																																																																																																																																												
Project Location: Oak Creek, WI				Analyses Requested: A				Address: 23713 W. Paul Road, Suite D																																																																																																																																																												
Turn Around (check one): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="2">Sample Description</th> <th colspan="2">Collection</th> <th rowspan="2">Matrix</th> <th rowspan="2">Total # of Containers</th> <th rowspan="2">PCBs</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2">Comments</th> <th rowspan="2">Lab ID</th> <th rowspan="2">Lab Receipt Time</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </table>				Sample Description	Collection		Matrix	Total # of Containers	PCBs							Comments	Lab ID	Lab Receipt Time	Date	Time	E-mail Address: kjuno@naturalrt.com																																																																																																																																											
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If Rush, Report Due Date:								Invoice To: Tracy Summit				Company: Natural Resource Technology, inc.																																																																																																																																																								
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**APPENDIX F**

**2012 OIL & LIQUIDS ANALYTICAL DATA**





2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

30 May 2012

Julie Zimdars  
Natural Resource Technology Inc

23713 West Paul Road, Unit D  
Pewaukee, WI 53072

RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 05/21/2012.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser  
Project Manager

Certification List			Expires
ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2012
NJDEP	New Jersey Secondary NELAP Accreditation	W1004	06/30/2012
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012



## Revised Report

2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095.1  
Project Manager: Julie Zimdars

Reported:  
05/30/2012

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Oil in Furnace Room AST	A122102-01	Oil	05/11/2012	05/21/2012

### Reason for Revised Report

This report was revised to change the report matrix from soil to oil. This report should replace A122102 FINAL 05 25 2012 1128.



**Revised Report**

2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095.1 Project Manager: Julie Zimdars	Reported: 05/30/2012
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**Oil in Furnace Room AST**

A122102-01 (Oil)

Date Sampled  
05/11/2012 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**Precision Petroleum Labs, Inc.**

**Ash, Wt%**

Ash, Wt%	0.267	0.001	Wt%	1	05/22/2012	05/22/2012 00:00	D-482	
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**PCB's, PPM**

PCB's, PPM	ND	0.50	PPM	1	05/22/2012	05/22/2012 00:00	S.W. 8082	
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**Total Halogen, PPM**

Total Halogen, PPM	467	200	PPM	1	05/22/2012	05/22/2012 00:00	S.W. 9075	
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**Water by Distillation, Vol%**

Water by Distillation, Vol%	1.0	0.05	Vol%	1	05/22/2012	05/22/2012 00:00	D-95	
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## Revised Report

2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095.1 Project Manager: Julie Zimdars	Reported: 05/30/2012
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Revised Report

2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095.1  
Project Manager: Julie Zimdars

Reported:  
05/30/2012

### Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference



**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095, /				Lab Work Order #: <b>A122102</b>				Mail Report To: Julie Zimdars																																																																																											
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT																																																																																											
Project Location: Oak Creek, WI				Analyses Requested				Address: 23713 W. Paul Rd , Unit D																																																																																											
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Matrix</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Total # of Containers</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">PCBs method 8082</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorine</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Ash, Total</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Water Content</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);"></th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);"></th> </tr> <tr> <td>S</td> <td>2</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>S</td><td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>				Matrix	Total # of Containers	PCBs method 8082	Chlorine	Ash, Total	Water Content			S	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Address: 23713 W. Paul Rd , Unit D			
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Page 6 of 7 A122102 FINAL 05 30 2012 1141

# PRECISION PETROLEUM LABS, INC.

## CERTIFICATE OF ANALYSIS

<b>LABORATORY ADDRESS</b> 5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	<b>Client Name: ECCS</b> Street Address: 2525 Advance Road City, State, Zip: Madison, WI, 53718
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INVOICE No.	52380	DATE RECEIVED	05-22-2012
LAB REFERENCE No.	2012-05-489	DATE/TIME COLLECTED	05-11-2012
AUTHORIZED BY	Nick Nigro	MATRIX TYPE	Liquid
PRODUCT ID	A122102-01		

<u>PARAMETER</u>	<u>TEST METHOD</u>	<u>REPORTING LIMIT</u>	<u>TEST RESULT</u>
Ash, Wt%	D-482	0.001	0.267
Total Halogen, PPM	S.W. 9075	200	467
PCB's, PPM	S.W.8082	0.50	BRL
Water by Distillation, Vol%	D-95	0.05	1.0

**Daniel Zabihi**  
QA Manager

Date: 05-22-2012



PRIMARY ACCREDITATION TCEQ, #T104704203-TX  
ARIZONA LICENSE # AZ0630

**QUALIFIERS & ABBREVIATIONS:** BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

**COMMENTS:** There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAC FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).





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06 June 2012

Julie Zimdars  
Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee, WI 53072  
RE: Former Wabash Alloys (Connell) - Oak Creek, WI

Enclosed are the analytical results for the samples received by the laboratory on 05/21/2012.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAP Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica Esser  
Project Manager

Certification List		Expires	
ILEPA	Illinois Secondary NELAP Accreditation	200062	04/30/2013
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2013
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2012
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2012
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2012





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Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095.1  
Project Manager: Julie Zimdars

Reported:  
06/06/2012

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PITS-Outside East Side of Building	A122103-01	Water	05/18/2012	05/21/2012



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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095.1 Project Manager: Julie Zimdars	Reported: 06/06/2012
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**PITS-Outside East Side of Building**  
**A122103-01 (Water)**

Date Sampled  
05/18/2012 16:45

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.070	0.26	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
PCB-1221	ND	0.040	0.50	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
PCB-1232	ND	0.074	0.26	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
PCB-1242	ND	0.066	0.26	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
PCB-1248	ND	0.040	0.26	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
PCB-1254	ND	0.018	0.26	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
PCB-1260	ND	0.050	0.26	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
Total PCBs	ND	0.074	0.50	ug/L	1	05/23/2012	05/24/2012 02:29	EPA 8082	
Surrogate: Decachlorobiphenyl			130 %	39.9-150		05/23/2012	05/24/2012 02:29	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			120 %	35.1-137		05/23/2012	05/24/2012 02:29	EPA 8082	

**Volatile Organic Compounds by Method 8260 - Purge and Trap**

Acetone	ND		20	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Benzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Bromobenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Bromochloromethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Bromodichloromethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Bromoform	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Bromomethane	ND		5.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
2-Butanone	ND		20	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
n-Butyl Benzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
sec-Butyl Benzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
tert-Butylbenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Carbon disulfide	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Carbon tetrachloride	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Chlorobenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Chloroethane	ND		5.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Chloroform	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Chloromethane	ND		2.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
2-Chlorotoluene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
4-Chlorotoluene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2-Dibromo-3-chloropropane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Dibromochloromethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2-Dibromoethane (EDB)	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Dibromomethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2-Dichlorobenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,4-Dichlorobenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,3-Dichlorobenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Dichlorodifluoromethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	



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**PITS-Outside East Side of Building**

Date Sampled

A122103-01 (Water)

05/18/2012 16:45

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Volatile Organic Compounds by Method 8260 - Purge and Trap**

1,1-Dichloroethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2-Dichloroethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
trans-1,2-Dichloroethene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
cis-1,2-Dichloroethene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,1-Dichloroethene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
2,2-Dichloropropane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2-Dichloropropane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,3-Dichloropropane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
cis-1,3-Dichloropropene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
trans-1,3-Dichloropropene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,1-Dichloropropene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Diisopropyl Ether	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Ethylbenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Hexachlorobutadiene	ND		2.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
n-Hexane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
2-Hexanone	ND		20	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Isopropylbenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
p-Isopropyltoluene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Methylene chloride	ND		2.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
4-Methyl-2-pentanone	ND		20	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Methyl t-Butyl Ether	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Naphthalene	ND		5.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
n-Propyl Benzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Styrene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Tetrachloroethene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Tetrahydrofuran	ND		10	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Toluene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2,3-Trichlorobenzene	ND		2.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2,4-Trichlorobenzene	ND		2.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,1,1-Trichloroethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,1,2-Trichloroethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Trichloroethene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Trichlorofluoromethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2,3-Trichloropropane	ND		1.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,1,2-Trichlorotrifluoroethane	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,3,5-Trimethylbenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
1,2,4-Trimethylbenzene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	



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**PITS-Outside East Side of Building**

Date Sampled

A122103-01 (Water)

05/18/2012 16:45

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Volatile Organic Compounds by Method 8260 - Purge and Trap**

Vinyl chloride	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
m,p-Xylene	ND		1.0	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
o-Xylene	ND		0.50	ug/L	1	05/23/2012	05/24/2012 04:33	EPA 8260B	
Surrogate: Dibromofluoromethane			104 %	87.2-110		05/23/2012	05/24/2012 04:33	EPA 8260B	
Surrogate: Toluene-d8			98.8 %	91.7-104		05/23/2012	05/24/2012 04:33	EPA 8260B	
Surrogate: 4-Bromofluorobenzene			97.0 %	83.8-109		05/23/2012	05/24/2012 04:33	EPA 8260B	

**Pace Analytical**

**EPA 1664 OG**

Oil and Grease	ND	1.0	5.1	mg/L	1	05/31/2012	05/31/2012 12:50	EPA 1664 OG	
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**EPA 335.4**

Cyanide	ND	0.0043	0.020	mg/L	1	05/31/2012	05/31/2012 08:07	EPA 335.4	
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**EPA 6010**

Arsenic	ND	4.7	20.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	
Barium	30.6	1.2	5.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	
Cadmium	ND	0.39	5.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	
Copper	10.1	1.3	10.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	
Lead	1.8	1.4	7.5	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	J
Molybdenum	1.3	0.66	20.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	J
Nickel	ND	0.77	10.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	
Selenium	ND	5.8	20.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	
Silver	ND	2.3	10.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	
Zinc	13.3	5.3	40.0	ug/L	1	05/24/2012	05/25/2012 16:08	EPA 6010	J

**EPA 7470**

Mercury	ND	0.10	0.20	ug/L	1	05/24/2012	05/25/2012 10:46	EPA 7470	
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**EPA 8270**

1,2,4-Trichlorobenzene	ND	0.87	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
1,2-Dichlorobenzene	ND	0.71	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
1,3-Dichlorobenzene	ND	0.83	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
1,4-Dichlorobenzene	ND	0.86	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2,2'-Oxybis(1-chloropropane)	ND	0.82	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2,4,5-Trichlorophenol	ND	1.0	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2,4,6-Trichlorophenol	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2,4-Dichlorophenol	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2,4-Dimethylphenol	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	





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**PITS-Outside East Side of Building**

Date Sampled  
05/18/2012 16:45

A122103-01 (Water)

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**Pace Analytical**

**EPA 8270**

2,4-Dinitrophenol	ND	2.1	10.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2,4-Dinitrotoluene	ND	0.80	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2,6-Dinitrotoluene	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2-Chloronaphthalene	ND	0.84	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2-Chlorophenol	ND	0.70	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2-Methylnaphthalene	ND	1.4	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2-Methylphenol(o-Cresol)	ND	0.97	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2-Nitroaniline	ND	0.84	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
2-Nitrophenol	ND	1.4	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
3&4-Methylphenol(m&p Cresol)	ND	0.77	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
3,3'-Dichlorobenzidine	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
3-Nitroaniline	ND	0.97	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
4,6-Dinitro-2-methylphenol	ND	0.75	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
4-Bromophenylphenyl ether	ND	1.3	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
4-Chloro-3-methylphenol	ND	1.0	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
4-Chloroaniline	ND	0.81	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
4-Chlorophenylphenyl ether	ND	1.2	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
4-Nitroaniline	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
4-Nitrophenol	ND	0.87	10.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Acenaphthene	ND	0.95	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Acenaphthylene	ND	1.0	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Anthracene	ND	0.63	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Benzo(a)anthracene	ND	0.61	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Benzo(a)pyrene	ND	0.97	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Benzo(b)fluoranthene	ND	1.4	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Benzo(g,h,i)perylene	ND	0.77	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Benzo(k)fluoranthene	ND	1.0	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Butylbenzylphthalate	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Carbazole	ND	0.69	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Chrysene	ND	0.78	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Di-n-butylphthalate	ND	0.90	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Di-n-octylphthalate	ND	1.5	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Dibenz(a,h)anthracene	ND	1.4	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Dibenzofuran	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Diethylphthalate	ND	1.3	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Dimethylphthalate	ND	1.0	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Fluoranthene	ND	0.91	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Fluorene	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Hexachloro-1,3-butadiene	ND	0.66	10.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	



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**PITS-Outside East Side of Building**

Date Sampled  
05/18/2012 16:45

A122103-01 (Water)

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**Pace Analytical**

**EPA 8270**

Hexachlorobenzene	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Hexachlorocyclopentadiene	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Hexachloroethane	ND	0.58	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Indeno(1,2,3-cd)pyrene	ND	0.67	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Isophorone	ND	1.4	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
N-Nitroso-di-n-propylamine	ND	1.1	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
N-Nitrosodiphenylamine	ND	2.5	10.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Naphthalene	ND	0.70	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Nitrobenzene	ND	1.4	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Pentachlorophenol	ND	1.1	10.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Phenanthrene	ND	0.63	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Phenol	ND	1.0	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
Pyrene	ND	1.6	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
bis(2-Chloroethoxy)methane	ND	1.2	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
bis(2-Chloroethyl) ether	ND	0.66	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
bis(2-Ethylhexyl)phthalate	ND	2.6	5.0	ug/L	1	05/23/2012	05/24/2012 14:08	EPA 8270	
<i>Surrogate: 2,4,6-Tribromophenol (S)</i>			91 %	38-130		05/23/2012	05/24/2012 14:08	EPA 8270	
<i>Surrogate: 2-Fluorobiphenyl (S)</i>			85 %	51-130		05/23/2012	05/24/2012 14:08	EPA 8270	
<i>Surrogate: 2-Fluorophenol (S)</i>			57 %	24-130		05/23/2012	05/24/2012 14:08	EPA 8270	
<i>Surrogate: Nitrobenzene-d5 (S)</i>			84 %	41-130		05/23/2012	05/24/2012 14:08	EPA 8270	
<i>Surrogate: Phenol-d6 (S)</i>			39 %	13-130		05/23/2012	05/24/2012 14:08	EPA 8270	
<i>Surrogate: Terphenyl-d14 (S)</i>			71 %	38-130		05/23/2012	05/24/2012 14:08	EPA 8270	

**SM 4500-H+B**

pH	8.3			Std. Units	1	05/23/2012	05/23/2012 13:20	SM 4500-H+B	H6
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**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205110 - EPA 3511**

<b>Blank (A205110-BLK1)</b>		Prepared: 05/23/2012 Analyzed: 05/24/2012 01:38								
PCB-1016	ND	0.26	ug/L							
PCB-1221	ND	0.50	ug/L							
PCB-1232	ND	0.26	ug/L							
PCB-1242	ND	0.26	ug/L							
PCB-1248	ND	0.26	ug/L							
PCB-1254	ND	0.26	ug/L							
PCB-1260	ND	0.26	ug/L							
Total PCBs	ND	0.50	ug/L							
Surrogate: Decachlorobiphenyl	2.10		ug/L	1.500		140	39.9-150			
Surrogate: Tetrachloro-meta-xylene	1.84		ug/L	1.500		123	35.1-137			

<b>LCS (A205110-BS1)</b>		Prepared: 05/23/2012 Analyzed: 05/24/2012 02:03								
PCB-1248	29.4	0.26	ug/L	25.00		117	70-130			
Surrogate: Decachlorobiphenyl	2.08		ug/L	1.500		139	39.9-150			
Surrogate: Tetrachloro-meta-xylene	1.79		ug/L	1.500		119	35.1-137			

<b>Matrix Spike (A205110-MS1)</b>		<b>Source: A122103-01</b>		Prepared: 05/23/2012 Analyzed: 05/24/2012 02:54						
PCB-1248	30.3	0.26	ug/L	25.00	ND	121	60-140			
Surrogate: Decachlorobiphenyl	1.97		ug/L	1.500		131	39.9-150			
Surrogate: Tetrachloro-meta-xylene	1.74		ug/L	1.500		116	35.1-137			

<b>Matrix Spike Dup (A205110-MSD1)</b>		<b>Source: A122103-01</b>		Prepared: 05/23/2012 Analyzed: 05/24/2012 03:19						
PCB-1248	31.9	0.26	ug/L	25.00	ND	128	60-140	5.07	20	
Surrogate: Decachlorobiphenyl	2.05		ug/L	1.500		137	39.9-150			
Surrogate: Tetrachloro-meta-xylene	1.86		ug/L	1.500		124	35.1-137			



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**Volatile Organic Compounds by Method 8260 - Purge and Trap - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC %REC	RPD RPD	RPD Limit	Notes
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**Batch A205113 - EPA 5030B**

<b>Blank (A205113-BLK1)</b>				Prepared: 05/23/2012 Analyzed: 05/24/2012 01:14					
Acetone	ND	20	ug/L						
Benzene	ND	0.50	ug/L						
Bromobenzene	ND	0.50	ug/L						
Bromochloromethane	ND	0.50	ug/L						
Bromodichloromethane	ND	0.50	ug/L						
Bromoform	ND	0.50	ug/L						
Bromomethane	ND	5.0	ug/L						
2-Butanone	ND	20	ug/L						
n-Butyl Benzene	ND	0.50	ug/L						
sec-Butyl Benzene	ND	0.50	ug/L						
tert-Butylbenzene	ND	0.50	ug/L						
Carbon disulfide	ND	0.50	ug/L						
Carbon tetrachloride	ND	0.50	ug/L						
Chlorobenzene	ND	0.50	ug/L						
Chloroethane	ND	5.0	ug/L						
Chloroform	ND	0.50	ug/L						
Chloromethane	ND	2.0	ug/L						
2-Chlorotoluene	ND	0.50	ug/L						
4-Chlorotoluene	ND	0.50	ug/L						
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L						
Dibromochloromethane	ND	0.50	ug/L						
1,2-Dibromoethane (EDB)	ND	0.50	ug/L						
Dibromomethane	ND	0.50	ug/L						
1,2-Dichlorobenzene	ND	0.50	ug/L						
1,4-Dichlorobenzene	ND	0.50	ug/L						
1,3-Dichlorobenzene	ND	0.50	ug/L						
Dichlorodifluoromethane	ND	0.50	ug/L						
1,1-Dichloroethane	ND	0.50	ug/L						
1,2-Dichloroethane	ND	0.50	ug/L						
trans-1,2-Dichloroethene	ND	0.50	ug/L						
cis-1,2-Dichloroethene	ND	0.50	ug/L						
1,1-Dichloroethene	ND	0.50	ug/L						
2,2-Dichloropropane	ND	0.50	ug/L						
1,2-Dichloropropane	ND	0.50	ug/L						
1,3-Dichloropropane	ND	0.50	ug/L						
cis-1,3-Dichloropropene	ND	0.50	ug/L						
trans-1,3-Dichloropropene	ND	0.50	ug/L						
1,1-Dichloropropene	ND	0.50	ug/L						
Diisopropyl Ether	ND	0.50	ug/L						
Ethylbenzene	ND	0.50	ug/L						
Hexachlorobutadiene	ND	2.0	ug/L						
n-Hexane	ND	0.50	ug/L						
2-Hexanone	ND	20	ug/L						
Isopropylbenzene	ND	0.50	ug/L						





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**Volatile Organic Compounds by Method 8260 - Purge and Trap - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205113 - EPA 5030B**

<b>Blank (A205113-BLK1)</b>		Prepared: 05/23/2012 Analyzed: 05/24/2012 01:14								
p-Isopropyltoluene	ND	0.50	ug/L							
Methylene chloride	ND	2.0	ug/L							
4-Methyl-2-pentanone	ND	20	ug/L							
Methyl t-Butyl Ether	ND	0.50	ug/L							
Naphthalene	ND	5.0	ug/L							
n-Propyl Benzene	ND	0.50	ug/L							
Styrene	ND	0.50	ug/L							
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L							
Tetrachloroethene	ND	0.50	ug/L							
Tetrahydrofuran	ND	10	ug/L							
Toluene	ND	0.50	ug/L							
1,2,3-Trichlorobenzene	ND	2.0	ug/L							
1,2,4-Trichlorobenzene	ND	2.0	ug/L							
1,1,1-Trichloroethane	ND	0.50	ug/L							
1,1,2-Trichloroethane	ND	0.50	ug/L							
Trichloroethene	ND	0.50	ug/L							
Trichlorofluoromethane	ND	0.50	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
1,1,2-Trichlorotrifluoroethane	ND	0.50	ug/L							
1,3,5-Trimethylbenzene	ND	0.50	ug/L							
1,2,4-Trimethylbenzene	ND	0.50	ug/L							
Vinyl chloride	ND	0.50	ug/L							
m,p-Xylene	ND	1.0	ug/L							
o-Xylene	ND	0.50	ug/L							
Surrogate: Dibromofluoromethane	25.5		ug/L	25.00		102	87.2-110			
Surrogate: Toluene-d8	25.2		ug/L	25.00		101	91.7-104			
Surrogate: 4-Bromofluorobenzene	24.5		ug/L	25.00		98.2	83.8-109			

<b>LCS (A205113-BS1)</b>		Prepared: 05/23/2012 Analyzed: 05/24/2012 01:42								
Acetone	50.9		ug/L	50.00		102	50.8-145			
Benzene	5.38		ug/L	5.000		108	76.4-125			
Bromobenzene	5.03		ug/L	5.000		101	82.8-118			
Bromochloromethane	5.52		ug/L	5.000		110	79-122			
Bromodichloromethane	5.48		ug/L	5.000		110	72.3-129			
Bromoform	5.00		ug/L	5.000		100	74.5-127			
Bromomethane	5.59		ug/L	5.000		112	63.3-148			
2-Butanone	50.0		ug/L	50.00		100	53.2-141			
n-Butyl Benzene	5.37		ug/L	5.000		107	74.4-125			
sec-Butyl Benzene	5.35		ug/L	5.000		107	78.9-122			
tert-Butylbenzene	5.78		ug/L	5.000		116	77.8-121			
Carbon disulfide	5.21		ug/L	5.000		104	70.3-131			
Carbon tetrachloride	5.07		ug/L	5.000		101	70.8-127			
Chlorobenzene	5.46		ug/L	5.000		109	82.6-121			



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Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095.1  
Project Manager: Julie Zimdars

Reported:  
06/06/2012

### Volatile Organic Compounds by Method 8260 - Purge and Trap - Quality Control

#### ECCS

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch A205113 - EPA 5030B

LCS (A205113-BS1)

Prepared: 05/23/2012 Analyzed: 05/24/2012 01:42

Chloroethane	5.07		ug/L	5.000		101	64.1-135			
Chloroform	5.47		ug/L	5.000		109	65.8-137			
Chloromethane	5.21		ug/L	5.000		104	59.6-124			
2-Chlorotoluene	5.32		ug/L	5.000		106	76.1-122			
4-Chlorotoluene	5.39		ug/L	5.000		108	73.8-124			
1,2-Dibromo-3-chloropropane	5.12		ug/L	5.000		102	53.9-140			
Dibromochloromethane	5.13		ug/L	5.000		103	73-123			
1,2-Dibromoethane (EDB)	5.18		ug/L	5.000		104	75.3-126			
Dibromomethane	5.19		ug/L	5.000		104	75.7-126			
1,2-Dichlorobenzene	5.18		ug/L	5.000		104	80.5-122			
1,4-Dichlorobenzene	5.22		ug/L	5.000		104	79.7-124			
1,3-Dichlorobenzene	4.95		ug/L	5.000		99.0	80.6-121			
Dichlorodifluoromethane	5.09		ug/L	5.000		102	74.3-129			
1,1-Dichloroethane	5.46		ug/L	5.000		109	72.4-130			
1,2-Dichloroethane	5.65		ug/L	5.000		113	64.4-143			
trans-1,2-Dichloroethene	5.47		ug/L	5.000		109	75.8-124			
cis-1,2-Dichloroethene	5.37		ug/L	5.000		107	76.9-122			
1,1-Dichloroethene	4.92		ug/L	5.000		98.4	68.4-137			
2,2-Dichloropropane	4.91		ug/L	5.000		98.2	62.3-134			
1,2-Dichloropropane	5.19		ug/L	5.000		104	74.9-128			
1,3-Dichloropropane	5.29		ug/L	5.000		106	72.2-124			
cis-1,3-Dichloropropene	5.09		ug/L	5.000		102	74.1-122			
trans-1,3-Dichloropropene	5.39		ug/L	5.000		108	66.4-126			
1,1-Dichloropropene	4.83		ug/L	5.000		96.6	75.2-126			
Diisopropyl Ether	5.32		ug/L	5.000		106	68.2-129			
Ethylbenzene	5.37		ug/L	5.000		107	80.6-119			
Hexachlorobutadiene	5.19		ug/L	5.000		104	77.4-130			
n-Hexane	5.07		ug/L	5.000		101	62.3-134			
2-Hexanone	50.8		ug/L	50.00		102	54.9-140			
Isopropylbenzene	5.24		ug/L	5.000		105	79-124			
p-Isopropyltoluene	5.23		ug/L	5.000		105	76.8-122			
Methylene chloride	5.63		ug/L	5.000		113	77.1-122			
4-Methyl-2-pentanone	50.9		ug/L	50.00		102	55-146			
Methyl t-Butyl Ether	5.45		ug/L	5.000		109	64.7-136			
Naphthalene	4.74		ug/L	5.000		94.8	61.6-128			
n-Propyl Benzene	5.28		ug/L	5.000		106	78.1-122			
Styrene	5.30		ug/L	5.000		106	79.3-118			
1,1,1,2-Tetrachloroethane	5.18		ug/L	5.000		104	83.1-119			
1,1,2,2-Tetrachloroethane	5.03		ug/L	5.000		101	69.2-127			
Tetrachloroethene	5.39		ug/L	5.000		108	78.6-126			
Tetrahydrofuran	25.0		ug/L	25.00		99.9	70-130			
Toluene	4.91		ug/L	5.000		98.2	79.1-127			
1,2,3-Trichlorobenzene	5.21		ug/L	5.000		104	73.7-125			
1,2,4-Trichlorobenzene	4.99		ug/L	5.000		99.8	73.8-128			



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**Volatile Organic Compounds by Method 8260 - Purge and Trap - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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**Batch A205113 - EPA 5030B**

<b>LCS (A205113-BS1)</b>		Prepared: 05/23/2012 Analyzed: 05/24/2012 01:42								
1,1,1-Trichloroethane	5.31		ug/L	5.000		106	74.3-131			
1,1,2-Trichloroethane	5.11		ug/L	5.000		102	71-130			
Trichloroethene	5.43		ug/L	5.000		109	78.5-124			
Trichlorofluoromethane	5.25		ug/L	5.000		105	72.4-133			
1,2,3-Trichloropropane	4.93		ug/L	5.000		98.6	56.3-132			
1,1,2-Trichlorotrifluoroethane	5.38		ug/L	5.000		108	68.9-139			
1,3,5-Trimethylbenzene	5.19		ug/L	5.000		104	75.8-123			
1,2,4-Trimethylbenzene	4.99		ug/L	5.000		99.8	75.3-121			
Vinyl chloride	5.08		ug/L	5.000		102	60.7-135			
m,p-Xylene	10.8		ug/L	10.00		108	80.9-121			
o-Xylene	5.35		ug/L	5.000		107	79.6-119			
Surrogate: Dibromofluoromethane	26.5		ug/L	25.00		106	87.2-110			
Surrogate: Toluene-d8	25.2		ug/L	25.00		101	91.7-104			
Surrogate: 4-Bromofluorobenzene	25.5		ug/L	25.00		102	83.8-109			

<b>Matrix Spike (A205113-MS1)</b>		Source: A122010-02 Prepared: 05/23/2012 Analyzed: 05/24/2012 03:07								
Acetone	44.4		ug/L	50.00	ND	88.7	42.5-137			
Benzene	5.09		ug/L	5.000	ND	102	67-130			
Bromobenzene	5.33		ug/L	5.000	ND	107	82.7-116			
Bromochloromethane	5.83		ug/L	5.000	ND	117	80.7-124			
Bromodichloromethane	5.20		ug/L	5.000	ND	104	72.9-120			
Bromoform	4.42		ug/L	5.000	ND	88.4	75.8-125			
Bromomethane	5.05		ug/L	5.000	ND	101	51.2-157			
2-Butanone	48.1		ug/L	50.00	ND	96.1	47.2-139			
n-Butyl Benzene	5.54		ug/L	5.000	ND	111	69.1-122			
sec-Butyl Benzene	5.33		ug/L	5.000	ND	107	75-119			
tert-Butylbenzene	5.21		ug/L	5.000	ND	104	73.7-119			
Carbon disulfide	5.32		ug/L	5.000	ND	106	70-130			
Carbon tetrachloride	4.86		ug/L	5.000	ND	97.2	66.2-134			
Chlorobenzene	5.40		ug/L	5.000	ND	108	86.4-115			
Chloroethane	4.94		ug/L	5.000	ND	98.8	50.8-144			
Chloroform	5.38		ug/L	5.000	ND	108	70.4-123			
Chloromethane	5.30		ug/L	5.000	ND	106	36.2-155			
2-Chlorotoluene	5.25		ug/L	5.000	ND	105	72.5-119			
4-Chlorotoluene	5.28		ug/L	5.000	ND	106	70.4-123			
1,2-Dibromo-3-chloropropane	4.86		ug/L	5.000	ND	97.2	48-136			
Dibromochloromethane	5.33		ug/L	5.000	ND	107	69.9-120			
1,2-Dibromoethane (EDB)	5.19		ug/L	5.000	ND	104	77.9-122			
Dibromomethane	5.03		ug/L	5.000	ND	101	80.4-120			
1,2-Dichlorobenzene	5.38		ug/L	5.000	ND	108	78.5-118			
1,4-Dichlorobenzene	5.06		ug/L	5.000	ND	101	80.1-117			
1,3-Dichlorobenzene	5.07		ug/L	5.000	ND	101	81.2-117			
Dichlorodifluoromethane	5.16		ug/L	5.000	ND	103	51.1-155			
1,1-Dichloroethane	5.24		ug/L	5.000	ND	105	66.1-134			



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095.1 Project Manager: Julie Zimdars	Reported: 06/06/2012
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**Volatile Organic Compounds by Method 8260 - Purge and Trap - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205113 - EPA 5030B**

Matrix Spike (A205113-MS1)      Source: A122010-02      Prepared: 05/23/2012      Analyzed: 05/24/2012 03:07

1,2-Dichloroethane	5.26		ug/L	5.000	ND	105	61.3-138			
trans-1,2-Dichloroethene	5.07		ug/L	5.000	ND	101	65.1-129			
cis-1,2-Dichloroethene	5.25		ug/L	5.000	ND	105	72.3-126			
1,1-Dichloroethene	5.09		ug/L	5.000	ND	102	67.4-126			
2,2-Dichloropropane	4.56		ug/L	5.000	ND	91.2	58.6-129			
1,2-Dichloropropane	5.27		ug/L	5.000	ND	105	76.2-122			
1,3-Dichloropropane	5.10		ug/L	5.000	ND	102	71.7-122			
cis-1,3-Dichloropropene	5.17		ug/L	5.000	ND	103	72.8-118			
trans-1,3-Dichloropropene	5.16		ug/L	5.000	ND	103	65.8-123			
1,1-Dichloropropene	4.99		ug/L	5.000	ND	99.8	70.8-124			
Diisopropyl Ether	5.26		ug/L	5.000	ND	105	70-130			
Ethylbenzene	5.27		ug/L	5.000	ND	105	74-119			
Hexachlorobutadiene	5.29		ug/L	5.000	ND	106	75.1-127			
n-Hexane	5.25		ug/L	5.000	ND	105	70-130			
2-Hexanone	49.5		ug/L	50.00	ND	99.1	48-139			
Isopropylbenzene	5.29		ug/L	5.000	ND	106	72.7-124			
p-Isopropyltoluene	5.44		ug/L	5.000	ND	109	79.9-115			
Methylene chloride	5.30		ug/L	5.000	ND	106	67.5-128			
4-Methyl-2-pentanone	50.1		ug/L	50.00	ND	100	54.8-134			
Methyl t-Butyl Ether	5.22		ug/L	5.000	ND	104	70-130			
Naphthalene	4.52		ug/L	5.000	ND	90.4	40.8-124			
n-Propyl Benzene	5.26		ug/L	5.000	ND	105	71.5-121			
Styrene	5.23		ug/L	5.000	ND	105	74-115			
1,1,1,2-Tetrachloroethane	5.38		ug/L	5.000	ND	108	83.2-116			
1,1,1,2,2-Tetrachloroethane	5.25		ug/L	5.000	ND	105	62.9-132			
Tetrachloroethene	5.13		ug/L	5.000	ND	103	76.4-126			
Tetrahydrofuran	24.8		ug/L	25.00	ND	99.1	70-130			
Toluene	4.77		ug/L	5.000	ND	95.4	77-121			
1,2,3-Trichlorobenzene	5.28		ug/L	5.000	ND	106	73-119			
1,2,4-Trichlorobenzene	5.02		ug/L	5.000	ND	100	78.1-116			
1,1,1-Trichloroethane	5.29		ug/L	5.000	ND	106	70.4-128			
1,1,2-Trichloroethane	5.19		ug/L	5.000	ND	104	74.8-121			
Trichloroethene	5.50		ug/L	5.000	0.580	98.4	76.5-121			
Trichlorofluoromethane	5.22		ug/L	5.000	ND	104	61.3-136			
1,2,3-Trichloropropane	5.16		ug/L	5.000	ND	103	55-131			
1,1,2-Trichlorotrifluoroethane	5.37		ug/L	5.000	ND	107	70-130			
1,3,5-Trimethylbenzene	5.24		ug/L	5.000	ND	105	71.4-122			
1,2,4-Trimethylbenzene	4.89		ug/L	5.000	ND	97.8	68.5-120			
Vinyl chloride	5.11		ug/L	5.000	ND	102	54.1-132			
m,p-Xylene	10.4		ug/L	10.00	ND	104	72.8-122			
o-Xylene	5.56		ug/L	5.000	ND	111	77.8-114			
Surrogate: Dibromofluoromethane	26.1		ug/L	25.00		104	87.2-110			
Surrogate: Toluene-d8	25.1		ug/L	25.00		100	91.7-104			
Surrogate: 4-Bromofluorobenzene	25.6		ug/L	25.00		102	83.8-109			





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Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095.1  
Project Manager: Julie Zimdars

Reported:  
06/06/2012

**Volatile Organic Compounds by Method 8260 - Purge and Trap - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205113 - EPA 5030B**

Matrix Spike Dup (A205113-MSD1)	Source: A122010-02	Prepared: 05/23/2012	Analyzed: 05/24/2012 03:36							
Acetone	44.2	ug/L	50.00	ND	88.4	42.5-137	0.316	20		
Benzene	5.37	ug/L	5.000	ND	107	67-130	5.35	20		
Bromobenzene	5.36	ug/L	5.000	ND	107	82.7-116	0.561	20		
Bromochloromethane	5.90	ug/L	5.000	ND	118	80.7-124	1.19	20		
Bromodichloromethane	5.28	ug/L	5.000	ND	106	72.9-120	1.53	20		
Bromoform	4.85	ug/L	5.000	ND	97.0	75.8-125	9.28	20		
Bromomethane	4.80	ug/L	5.000	ND	96.0	51.2-157	5.08	20		
2-Butanone	45.3	ug/L	50.00	ND	90.6	47.2-139	5.93	20		
n-Butyl Benzene	5.42	ug/L	5.000	ND	108	69.1-122	2.19	20		
sec-Butyl Benzene	5.41	ug/L	5.000	ND	108	75-119	1.49	20		
tert-Butylbenzene	5.34	ug/L	5.000	ND	107	73.7-119	2.46	20		
Carbon disulfide	5.26	ug/L	5.000	ND	105	70-130	1.13	20		
Carbon tetrachloride	5.00	ug/L	5.000	ND	100	66.2-134	2.84	20		
Chlorobenzene	5.40	ug/L	5.000	ND	108	86.4-115	0.00	20		
Chloroethane	5.46	ug/L	5.000	ND	109	50.8-144	10.0	20		
Chloroform	5.45	ug/L	5.000	ND	109	70.4-123	1.29	20		
Chloromethane	4.16	ug/L	5.000	ND	83.2	36.2-155	24.1	20	X	
2-Chlorotoluene	5.46	ug/L	5.000	ND	109	72.5-119	3.92	20		
4-Chlorotoluene	5.49	ug/L	5.000	ND	110	70.4-123	3.90	20		
1,2-Dibromo-3-chloropropane	4.90	ug/L	5.000	ND	98.0	48-136	0.820	20		
Dibromochloromethane	5.11	ug/L	5.000	ND	102	69.9-120	4.21	20		
1,2-Dibromoethane (EDB)	5.05	ug/L	5.000	ND	101	77.9-122	2.73	20		
Dibromomethane	5.23	ug/L	5.000	ND	105	80.4-120	3.90	20		
1,2-Dichlorobenzene	5.20	ug/L	5.000	ND	104	78.5-118	3.40	20		
1,4-Dichlorobenzene	5.20	ug/L	5.000	ND	104	80.1-117	2.73	20		
1,3-Dichlorobenzene	5.30	ug/L	5.000	ND	106	81.2-117	4.44	20		
Dichlorodifluoromethane	4.91	ug/L	5.000	ND	98.2	51.1-155	4.97	20		
1,1-Dichloroethane	5.48	ug/L	5.000	ND	110	66.1-134	4.48	20		
1,2-Dichloroethane	5.35	ug/L	5.000	ND	107	61.3-138	1.70	20		
trans-1,2-Dichloroethene	5.21	ug/L	5.000	ND	104	65.1-129	2.72	20		
cis-1,2-Dichloroethene	5.41	ug/L	5.000	ND	108	72.3-126	3.00	20		
1,1-Dichloroethene	4.91	ug/L	5.000	ND	98.2	67.4-126	3.60	20		
2,2-Dichloropropane	4.52	ug/L	5.000	ND	90.4	58.6-129	0.881	20		
1,2-Dichloropropane	5.28	ug/L	5.000	ND	106	76.2-122	0.190	20		
1,3-Dichloropropane	5.29	ug/L	5.000	ND	106	71.7-122	3.66	20		
cis-1,3-Dichloropropene	5.28	ug/L	5.000	ND	106	72.8-118	2.11	20		
trans-1,3-Dichloropropene	5.05	ug/L	5.000	ND	101	65.8-123	2.15	20		
1,1-Dichloropropene	5.01	ug/L	5.000	ND	100	70.8-124	0.400	20		
Diisopropyl Ether	5.33	ug/L	5.000	ND	107	70-130	1.32	20		
Ethylbenzene	5.41	ug/L	5.000	ND	108	74-119	2.62	20		
Hexachlorobutadiene	5.01	ug/L	5.000	ND	100	75.1-127	5.44	20		
n-Hexane	5.07	ug/L	5.000	ND	101	70-130	3.49	20		
2-Hexanone	50.5	ug/L	50.00	ND	101	48-139	1.94	20		
Isopropylbenzene	5.35	ug/L	5.000	ND	107	72.7-124	1.13	20		



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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095.1 Project Manager: Julie Zimdars	Reported: 06/06/2012
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**Volatile Organic Compounds by Method 8260 - Purge and Trap - Quality Control**  
**ECCS**

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A205113 - EPA 5030B**

Matrix Spike Dup (A205113-MSD1)	Source: A122010-02	Prepared: 05/23/2012	Analyzed: 05/24/2012 03:36					
p-Isopropyltoluene	5.41	ug/L	5.000	ND	108	79.9-115	0.553	20
Methylene chloride	5.30	ug/L	5.000	ND	106	67.5-128	0.00	20
4-Methyl-2-pentanone	51.1	ug/L	50.00	ND	102	54.8-134	2.00	20
Methyl t-Butyl Ether	5.27	ug/L	5.000	ND	105	70-130	0.953	20
Naphthalene	4.49	ug/L	5.000	ND	89.8	40.8-124	0.666	20
n-Propyl Benzene	5.27	ug/L	5.000	ND	105	71.5-121	0.190	20
Styrene	5.32	ug/L	5.000	ND	106	74-115	1.71	20
1,1,1,2-Tetrachloroethane	5.23	ug/L	5.000	ND	105	83.2-116	2.83	20
1,1,2,2-Tetrachloroethane	5.59	ug/L	5.000	ND	112	62.9-132	6.27	20
Tetrachloroethene	5.19	ug/L	5.000	ND	104	76.4-126	1.16	20
Tetrahydrofuran	23.7	ug/L	25.00	ND	94.7	70-130	4.58	20
Toluene	4.76	ug/L	5.000	ND	95.2	77-121	0.210	20
1,2,3-Trichlorobenzene	5.27	ug/L	5.000	ND	105	73-119	0.190	20
1,2,4-Trichlorobenzene	4.96	ug/L	5.000	ND	99.2	78.1-116	1.20	20
1,1,1-Trichloroethane	5.23	ug/L	5.000	ND	105	70.4-128	1.14	20
1,1,2-Trichloroethane	5.00	ug/L	5.000	ND	100	74.8-121	3.73	20
Trichloroethene	5.61	ug/L	5.000	0.580	101	76.5-121	2.21	20
Trichlorofluoromethane	5.43	ug/L	5.000	ND	109	61.3-136	3.94	20
1,2,3-Trichloropropane	5.23	ug/L	5.000	ND	105	55-131	1.35	20
1,1,2-Trichlorotrifluoroethane	5.05	ug/L	5.000	ND	101	70-130	6.14	20
1,3,5-Trimethylbenzene	5.31	ug/L	5.000	ND	106	71.4-122	1.33	20
1,2,4-Trimethylbenzene	4.80	ug/L	5.000	ND	96.0	68.5-120	1.86	20
Vinyl chloride	5.44	ug/L	5.000	ND	109	54.1-132	6.26	20
m,p-Xylene	10.8	ug/L	10.00	ND	108	72.8-122	3.30	20
o-Xylene	5.31	ug/L	5.000	ND	106	77.8-114	4.60	20
Surrogate: Dibromofluoromethane	26.1	ug/L	25.00		104	87.2-110		
Surrogate: Toluene-d8	25.3	ug/L	25.00		101	91.7-104		
Surrogate: 4-Bromofluorobenzene	25.2	ug/L	25.00		101	83.8-109		



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Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095.1  
Project Manager: Julie Zimdars

**Reported:**  
06/06/2012

### Notes and Definitions

- X Precision for the matrix spike duplicate, laboratory control sample duplicate or lab duplicate was outside of control limits.
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
- H6 Analysis initiated more than 15 minutes after sample collection.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference





**Environmental Chemistry Consulting Services, Inc.**  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095, 1		Lab Work Order #: <b>A122103</b>		Mail Report To: Julie Zimdars											
Project Name: Former Wabash Alloys - Connell property		Preservation Codes		Company: NRT											
Project Location: Oak Creek, WI		Analyses Requested		Address: 23713 W. Paul Rd , Unit D											
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs		Matrix	Total # of Containers	PCBs method 8082	SVOCs	VOCs	METALS*	Cyanide Total	PH / oil & Grease**	E-mail Address: jzimdars@naturalrt.com					
If Rush, Report Due Date:										Invoice To: NRT Account'g					
Sampled By (Print): <del>Brian Hennings</del> Sarah Ginzwindt		Date	Time	Matrix	Total # of Containers	PCBs method 8082	SVOCs	VOCs	METALS*	Cyanide Total	PH / oil & Grease**	Company: NRT			
Sample Description												Collection		Comments	
PITS Outside East Side of Building		5/18/12	16:45	S	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	* METALS: Arsenic, Barium	01		
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cadmium, Copper, lead,			
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mercury, Molybdenum,			
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nickel, Selenium, Silver,			
Bottle A122103-015				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Zinc			
acid pH ~ 5 added				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
HNO <sub>3</sub> to pH < 2				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	** method: Hexane extractable materials			
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<b>Preservation Codes</b> A=None B=HCL C=H <sub>2</sub> SO <sub>4</sub> D=HNO <sub>3</sub> E=EnCore F=Methanol G=NaOH O=Other (Indicate)		<b>Rush TAT Multipliers</b> 5 Business Days = 1.5x 3 Business Days = 2x 2 Business Days = 2.25x 24 Hours = 2.5x *must be pre-arranged*		Relinquished By: <u>[Signature]</u>		Date: 5/21/12	Time: 13:00	Received By: <u>[Signature]</u>		Date: 5/21	Time: 15:00				
<b>Matrix Codes</b> A=Air S=Soil W=Water O=Other				Relinquished By: <u>[Signature]</u>		Date: 5/21	Time: 15:00	Received By: <u>[Signature]</u>		Date: 5-21-12	Time: 1500				
				Custody Seal: <input checked="" type="checkbox"/> Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Seal #s:		Shipped Via:		Receipt Temp:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N			

Page 17 of 37 A122103 FINAL 06 06 2012 1140



June 05, 2012

Jessica Esser  
ECCS  
2525 Advance Road  
Madison, WI 53718

RE: Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

Dear Jessica Esser:

Enclosed are the analytical results for sample(s) received by the laboratory on May 22, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Steven Mieczko

steve.mieczko@pacelabs.com  
Project Manager

Enclosures

cc: Kari Boatman, ECCS



## REPORT OF LABORATORY ANALYSIS

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Page 1 of 18

## CERTIFICATIONS

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

### Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414  
A2LA Certification #: 2926.01  
Alaska Certification #: UST-078  
Alaska Certification #MN00064  
Arizona Certification #: AZ-0014  
Arkansas Certification #: 88-0680  
California Certification #: 01155CA  
EPA Region 8 Certification #: Pace  
Florida/NELAP Certification #: E87605  
Georgia Certification #: 959  
Idaho Certification #: MN00064  
Illinois Certification #: 200011  
Iowa Certification #: 368  
Kansas Certification #: E-10167  
Louisiana Certification #: 03086  
Louisiana Certification #: LA080009  
Maine Certification #: 2007029  
Maryland Certification #: 322  
Michigan DEQ Certification #: 9909  
Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace  
Montana Certification #: MT CERT0092  
Nevada Certification #: MN\_00064  
Nebraska Certification #: Pace  
New Jersey Certification #: MN-002  
New Mexico Certification #: Pace  
New York Certification #: 11647  
North Carolina Certification #: 530  
North Dakota Certification #: R-036  
North Dakota Certification #: R-036A  
Ohio VAP Certification #: CL101  
Oklahoma Certification #: D9921  
Oklahoma Certification #: 9507  
Oregon Certification #: MN200001  
Pennsylvania Certification #: 68-00563  
Puerto Rico Certification  
Tennessee Certification #: 02818  
Texas Certification #: T104704192  
Washington Certification #: C754  
Wisconsin Certification #: 999407970

### Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302  
Florida/NELAP Certification #: E87948  
Illinois Certification #: 200050  
Kentucky Certification #: 82  
Louisiana Certification #: 04168  
Minnesota Certification #: 055-999-334

New York Certification #: 11888  
North Carolina Certification #: 503  
North Dakota Certification #: R-150  
South Carolina Certification #: 83006001  
US Dept of Agriculture #: S-76505  
Wisconsin Certification #: 405132750

## REPORT OF LABORATORY ANALYSIS

Page 2 of 18

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### SAMPLE SUMMARY

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4060640001	A122103-01	Water	05/18/12 16:45	05/22/12 12:11

### REPORT OF LABORATORY ANALYSIS

Page 3 of 18

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**SAMPLE ANALYTE COUNT**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4060640001	A122103-01	EPA 6010	DLB	10	PASI-G
		EPA 7470	CMS	1	PASI-G
		EPA 8270	RJN	70	PASI-G
		EPA 1664 OG	AS1	1	PASI-M
		SM 4500-H+B	DDY	1	PASI-G
		EPA 335.4	DAW	1	PASI-G

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### ANALYTICAL RESULTS

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

Sample: A122103-01 Lab ID: 4060640001 Collected: 05/18/12 16:45 Received: 05/22/12 12:11 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	<4.7	ug/L	20.0	4.7	1	05/24/12 07:55	05/25/12 16:08	7440-38-2	
Barium	30.6	ug/L	5.0	1.2	1	05/24/12 07:55	05/25/12 16:08	7440-39-3	
Cadmium	<0.39	ug/L	5.0	0.39	1	05/24/12 07:55	05/25/12 16:08	7440-43-9	
Copper	10.1	ug/L	10.0	1.3	1	05/24/12 07:55	05/25/12 16:08	7440-50-8	
Lead	1.8J	ug/L	7.5	1.4	1	05/24/12 07:55	05/25/12 16:08	7439-92-1	
Molybdenum	1.3J	ug/L	20.0	0.66	1	05/24/12 07:55	05/25/12 16:08	7439-98-7	
Nickel	<0.77	ug/L	10.0	0.77	1	05/24/12 07:55	05/25/12 16:08	7440-02-0	
Selenium	<5.8	ug/L	20.0	5.8	1	05/24/12 07:55	05/25/12 16:08	7782-49-2	
Silver	<2.3	ug/L	10.0	2.3	1	05/24/12 07:55	05/25/12 16:08	7440-22-4	
Zinc	13.3J	ug/L	40.0	5.3	1	05/24/12 07:55	05/25/12 16:08	7440-66-6	
<b>7470 Mercury</b>									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	<0.10	ug/L	0.20	0.10	1	05/24/12 14:50	05/25/12 10:46	7439-97-6	
<b>8270 MSSV Semivolatile Organic</b>									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Acenaphthene	<0.95	ug/L	5.0	0.95	1	05/23/12 12:00	05/24/12 14:08	83-32-9	
Acenaphthylene	<1.0	ug/L	5.0	1.0	1	05/23/12 12:00	05/24/12 14:08	208-96-8	
Anthracene	<0.63	ug/L	5.0	0.63	1	05/23/12 12:00	05/24/12 14:08	120-12-7	
Benzo(a)anthracene	<0.61	ug/L	5.0	0.61	1	05/23/12 12:00	05/24/12 14:08	56-55-3	
Benzo(a)pyrene	<0.97	ug/L	5.0	0.97	1	05/23/12 12:00	05/24/12 14:08	50-32-8	
Benzo(b)fluoranthene	<1.4	ug/L	5.0	1.4	1	05/23/12 12:00	05/24/12 14:08	205-99-2	
Benzo(g,h,i)perylene	<0.77	ug/L	5.0	0.77	1	05/23/12 12:00	05/24/12 14:08	191-24-2	
Benzo(k)fluoranthene	<1.0	ug/L	5.0	1.0	1	05/23/12 12:00	05/24/12 14:08	207-08-9	
4-Bromophenylphenyl ether	<1.3	ug/L	5.0	1.3	1	05/23/12 12:00	05/24/12 14:08	101-55-3	
Butylbenzylphthalate	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	85-68-7	
Carbazole	<0.69	ug/L	5.0	0.69	1	05/23/12 12:00	05/24/12 14:08	86-74-8	
4-Chloro-3-methylphenol	<1.0	ug/L	5.0	1.0	1	05/23/12 12:00	05/24/12 14:08	59-50-7	
4-Chloroaniline	<0.81	ug/L	5.0	0.81	1	05/23/12 12:00	05/24/12 14:08	106-47-8	
bis(2-Chloroethoxy)methane	<1.2	ug/L	5.0	1.2	1	05/23/12 12:00	05/24/12 14:08	111-91-1	
bis(2-Chloroethyl) ether	<0.66	ug/L	5.0	0.66	1	05/23/12 12:00	05/24/12 14:08	111-44-4	
2-Chloronaphthalene	<0.84	ug/L	5.0	0.84	1	05/23/12 12:00	05/24/12 14:08	91-58-7	
2-Chlorophenol	<0.70	ug/L	5.0	0.70	1	05/23/12 12:00	05/24/12 14:08	95-57-8	
4-Chlorophenylphenyl ether	<1.2	ug/L	5.0	1.2	1	05/23/12 12:00	05/24/12 14:08	7005-72-3	
Chrysene	<0.78	ug/L	5.0	0.78	1	05/23/12 12:00	05/24/12 14:08	218-01-9	
Dibenz(a,h)anthracene	<1.4	ug/L	5.0	1.4	1	05/23/12 12:00	05/24/12 14:08	53-70-3	
Dibenzofuran	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	132-64-9	
1,2-Dichlorobenzene	<0.71	ug/L	5.0	0.71	1	05/23/12 12:00	05/24/12 14:08	95-50-1	
1,3-Dichlorobenzene	<0.83	ug/L	5.0	0.83	1	05/23/12 12:00	05/24/12 14:08	541-73-1	
1,4-Dichlorobenzene	<0.86	ug/L	5.0	0.86	1	05/23/12 12:00	05/24/12 14:08	106-46-7	
3,3'-Dichlorobenzidine	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	91-94-1	
2,4-Dichlorophenol	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	120-83-2	
Diethylphthalate	<1.3	ug/L	5.0	1.3	1	05/23/12 12:00	05/24/12 14:08	84-66-2	
2,4-Dimethylphenol	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	105-67-9	
Dimethylphthalate	<1.0	ug/L	5.0	1.0	1	05/23/12 12:00	05/24/12 14:08	131-11-3	
Di-n-butylphthalate	<0.90	ug/L	5.0	0.90	1	05/23/12 12:00	05/24/12 14:08	84-74-2	
4,6-Dinitro-2-methylphenol	<0.75	ug/L	5.0	0.75	1	05/23/12 12:00	05/24/12 14:08	534-52-1	

Date: 06/05/2012 09:21 AM

### REPORT OF LABORATORY ANALYSIS

Page 5 of 18

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### ANALYTICAL RESULTS

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

Sample: A122103-01 Lab ID: 4060640001 Collected: 05/18/12 16:45 Received: 05/22/12 12:11 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatile Organic</b> Analytical Method: EPA 8270 Preparation Method: EPA 3510									
2,4-Dinitrophenol	<2.1	ug/L	10.0	2.1	1	05/23/12 12:00	05/24/12 14:08	51-28-5	
2,4-Dinitrotoluene	<0.80	ug/L	5.0	0.80	1	05/23/12 12:00	05/24/12 14:08	121-14-2	
2,6-Dinitrotoluene	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	606-20-2	
<del>Di-n-octylphthalate</del>	<del>&lt;1.5</del>	<del>ug/L</del>	<del>5.0</del>	<del>1.5</del>	<del>1</del>	<del>05/23/12 12:00</del>	<del>05/24/12 14:08</del>	<del>117-84-0</del>	
<del>bis(2-Ethylhexyl)phthalate</del>	<del>&lt;2.6</del>	<del>ug/L</del>	<del>5.0</del>	<del>2.6</del>	<del>1</del>	<del>05/23/12 12:00</del>	<del>05/24/12 14:08</del>	<del>117-81-7</del>	
Fluoranthene	<0.91	ug/L	5.0	0.91	1	05/23/12 12:00	05/24/12 14:08	206-44-0	
Fluorene	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	86-73-7	
Hexachloro-1,3-butadiene	<0.66	ug/L	10.0	0.66	1	05/23/12 12:00	05/24/12 14:08	87-68-3	
Hexachlorobenzene	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	118-74-1	
Hexachlorocyclopentadiene	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	77-47-4	
Hexachloroethane	<0.58	ug/L	5.0	0.58	1	05/23/12 12:00	05/24/12 14:08	67-72-1	
Indeno(1,2,3-cd)pyrene	<0.67	ug/L	5.0	0.67	1	05/23/12 12:00	05/24/12 14:08	193-39-5	
Isophorone	<1.4	ug/L	5.0	1.4	1	05/23/12 12:00	05/24/12 14:08	78-59-1	
2-Methylnaphthalene	<1.4	ug/L	5.0	1.4	1	05/23/12 12:00	05/24/12 14:08	91-57-6	
2-Methylphenol(o-Cresol)	<0.97	ug/L	5.0	0.97	1	05/23/12 12:00	05/24/12 14:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	<0.77	ug/L	5.0	0.77	1	05/23/12 12:00	05/24/12 14:08		
Naphthalene	<0.70	ug/L	5.0	0.70	1	05/23/12 12:00	05/24/12 14:08	91-20-3	
2-Nitroaniline	<0.84	ug/L	5.0	0.84	1	05/23/12 12:00	05/24/12 14:08	88-74-4	
3-Nitroaniline	<0.97	ug/L	5.0	0.97	1	05/23/12 12:00	05/24/12 14:08	99-09-2	
4-Nitroaniline	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	100-01-6	
Nitrobenzene	<1.4	ug/L	5.0	1.4	1	05/23/12 12:00	05/24/12 14:08	98-95-3	
2-Nitrophenol	<1.4	ug/L	5.0	1.4	1	05/23/12 12:00	05/24/12 14:08	88-75-5	
4-Nitrophenol	<0.87	ug/L	10.0	0.87	1	05/23/12 12:00	05/24/12 14:08	100-02-7	
N-Nitroso-di-n-propylamine	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	621-64-7	
N-Nitrosodiphenylamine	<2.5	ug/L	10.0	2.5	1	05/23/12 12:00	05/24/12 14:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	<0.82	ug/L	5.0	0.82	1	05/23/12 12:00	05/24/12 14:08	108-60-1	
Pentachlorophenol	<1.1	ug/L	10.0	1.1	1	05/23/12 12:00	05/24/12 14:08	87-86-5	
Phenanthrene	<0.63	ug/L	5.0	0.63	1	05/23/12 12:00	05/24/12 14:08	85-01-8	
Phenol	<1.0	ug/L	5.0	1.0	1	05/23/12 12:00	05/24/12 14:08	108-95-2	
Pyrene	<1.6	ug/L	5.0	1.6	1	05/23/12 12:00	05/24/12 14:08	129-00-0	
1,2,4-Trichlorobenzene	<0.87	ug/L	5.0	0.87	1	05/23/12 12:00	05/24/12 14:08	120-82-1	
2,4,5-Trichlorophenol	<1.0	ug/L	5.0	1.0	1	05/23/12 12:00	05/24/12 14:08	95-95-4	
2,4,6-Trichlorophenol	<1.1	ug/L	5.0	1.1	1	05/23/12 12:00	05/24/12 14:08	88-06-2	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	84 %		41-130		1	05/23/12 12:00	05/24/12 14:08	4165-60-0	
2-Fluorobiphenyl (S)	85 %		51-130		1	05/23/12 12:00	05/24/12 14:08	321-60-8	
Terphenyl-d14 (S)	71 %		38-130		1	05/23/12 12:00	05/24/12 14:08	1718-51-0	
Phenol-d6 (S)	39 %		13-130		1	05/23/12 12:00	05/24/12 14:08	13127-88-3	
2-Fluorophenol (S)	57 %		24-130		1	05/23/12 12:00	05/24/12 14:08	367-12-4	
2,4,6-Tribromophenol (S)	91 %		38-130		1	05/23/12 12:00	05/24/12 14:08	118-79-6	

**1664 HEM, Oil and Grease**

Analytical Method: EPA 1664 OG

Oil and Grease <1.0 mg/L 5.1 1.0 1 05/31/12 12:50

**4500H+ pH, Electrometric**

Analytical Method: SM 4500-H+B

pH 8.3 Std. Units 1 05/23/12 13:20 H6

Date: 06/05/2012 09:21 AM

**REPORT OF LABORATORY ANALYSIS**

Page 6 of 18

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**ANALYTICAL RESULTS**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

Sample: A122103-01 Lab ID: 4060640001 Collected: 05/18/12 16:45 Received: 05/22/12 12:11 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>335.4 Cyanide, Total</b>	Analytical Method: EPA 335.4 Preparation Method: EPA 335.4								
Cyanide	<0.0043	mg/L	0.020	0.0043	1	05/31/12 06:33	05/31/12 08:07	57-12-5	

**QUALITY CONTROL DATA**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

QC Batch: MERP/3097 Analysis Method: EPA 7470  
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury  
Associated Lab Samples: 4060640001

METHOD BLANK: 611019 Matrix: Water  
Associated Lab Samples: 4060640001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.10	0.20	05/25/12 09:52	

LABORATORY CONTROL SAMPLE: 611020

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 611021 611022

Parameter	Units	4060702001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Mercury	ug/L	<0.10	5	5	4.5	4.9	90	97	85-115	7	20	



**QUALITY CONTROL DATA**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

QC Batch: MPRP/6950 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET  
Associated Lab Samples: 4060640001

METHOD BLANK: 610540 Matrix: Water

Associated Lab Samples: 4060640001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	<4.7	20.0	05/25/12 15:34	
Barium	ug/L	<1.2	5.0	05/25/12 15:34	
Cadmium	ug/L	<0.39	5.0	05/25/12 15:34	
Copper	ug/L	<1.3	10.0	05/25/12 15:34	
Lead	ug/L	<1.4	7.5	05/25/12 15:34	
Molybdenum	ug/L	<0.66	20.0	05/25/12 15:34	
Nickel	ug/L	<0.77	10.0	05/25/12 15:34	
Selenium	ug/L	<5.8	20.0	05/25/12 15:34	
Silver	ug/L	<2.3	10.0	05/25/12 15:34	
Zinc	ug/L	<5.3	40.0	05/25/12 15:34	

LABORATORY CONTROL SAMPLE: 610541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	500	474	95	80-120	
Barium	ug/L	500	470	94	80-120	
Cadmium	ug/L	500	470	94	80-120	
Copper	ug/L	500	466	93	80-120	
Lead	ug/L	500	474	95	80-120	
Molybdenum	ug/L	500	478	96	80-120	
Nickel	ug/L	500	471	94	80-120	
Selenium	ug/L	500	469	94	80-120	
Silver	ug/L	250	226	90	80-120	
Zinc	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 610542 610543

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		4060696001 Result	Spike Conc.	MSD Spike Conc.	MS Result						MSD Result
Arsenic	ug/L	<4.7	500	500	472	477	94	95	75-125	1	20
Barium	ug/L	68.1	500	500	536	533	94	93	75-125	0	20
Cadmium	ug/L	<0.39	500	500	470	471	94	94	75-125	0	20
Copper	ug/L	<1.3	500	500	468	470	93	94	75-125	0	20
Lead	ug/L	<1.4	500	500	462	463	92	93	75-125	0	20
Molybdenum	ug/L	<0.66	500	500	480	483	96	96	75-125	0	20
Nickel	ug/L	<0.77	500	500	461	461	92	92	75-125	0	20
Selenium	ug/L	<5.8	500	500	470	466	94	93	75-125	1	20
Silver	ug/L	<2.3	250	250	230	228	92	91	75-125	1	20
Zinc	ug/L	<5.3	500	500	467	468	93	94	75-125	0	20

### QUALITY CONTROL DATA

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

QC Batch: OEXT/14588 Analysis Method: EPA 8270  
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV  
Associated Lab Samples: 4060640001

METHOD BLANK: 609899 Matrix: Water  
Associated Lab Samples: 4060640001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	<0.87	5.0	05/24/12 09:16	
<del>1,2-Dichlorobenzene</del>	<del>ug/L</del>	<del>&lt;0.71</del>	<del>5.0</del>	<del>05/24/12 09:16</del>	
1,3-Dichlorobenzene	ug/L	<0.83	5.0	05/24/12 09:16	
1,4-Dichlorobenzene	ug/L	<0.86	5.0	05/24/12 09:16	
2,2'-Oxybis(1-chloropropane)	ug/L	<0.82	5.0	05/24/12 09:16	
2,4,5-Trichlorophenol	ug/L	<1.0	5.0	05/24/12 09:16	
2,4,6-Trichlorophenol	ug/L	<1.1	5.0	05/24/12 09:16	
2,4-Dichlorophenol	ug/L	<1.1	5.0	05/24/12 09:16	
2,4-Dimethylphenol	ug/L	<1.1	5.0	05/24/12 09:16	
2,4-Dinitrophenol	ug/L	<2.1	10.0	05/24/12 09:16	
2,4-Dinitrotoluene	ug/L	<0.80	5.0	05/24/12 09:16	
2,6-Dinitrotoluene	ug/L	<1.1	5.0	05/24/12 09:16	
2-Chloronaphthalene	ug/L	<0.84	5.0	05/24/12 09:16	
2-Chlorophenol	ug/L	<0.70	5.0	05/24/12 09:16	
2-Methylnaphthalene	ug/L	<1.4	5.0	05/24/12 09:16	
2-Methylphenol(o-Cresol)	ug/L	<0.97	5.0	05/24/12 09:16	
2-Nitroaniline	ug/L	<0.84	5.0	05/24/12 09:16	
2-Nitrophenol	ug/L	<1.4	5.0	05/24/12 09:16	
3&4-Methylphenol(m&p Cresol)	ug/L	<0.77	5.0	05/24/12 09:16	
3,3'-Dichlorobenzidine	ug/L	<1.1	5.0	05/24/12 09:16	
3-Nitroaniline	ug/L	<0.97	5.0	05/24/12 09:16	
4,6-Dinitro-2-methylphenol	ug/L	<0.75	5.0	05/24/12 09:16	
4-Bromophenylphenyl ether	ug/L	<1.3	5.0	05/24/12 09:16	
4-Chloro-3-methylphenol	ug/L	<1.0	5.0	05/24/12 09:16	
4-Chloroaniline	ug/L	<0.81	5.0	05/24/12 09:16	
4-Chlorophenylphenyl ether	ug/L	<1.2	5.0	05/24/12 09:16	
4-Nitroaniline	ug/L	<1.1	5.0	05/24/12 09:16	
4-Nitrophenol	ug/L	<0.87	10.0	05/24/12 09:16	
Acenaphthene	ug/L	<0.95	5.0	05/24/12 09:16	
Acenaphthylene	ug/L	<1.0	5.0	05/24/12 09:16	
Anthracene	ug/L	<0.63	5.0	05/24/12 09:16	
Benzo(a)anthracene	ug/L	<0.61	5.0	05/24/12 09:16	
Benzo(a)pyrene	ug/L	<0.97	5.0	05/24/12 09:16	
Benzo(b)fluoranthene	ug/L	<1.4	5.0	05/24/12 09:16	
Benzo(g,h,i)perylene	ug/L	<0.77	5.0	05/24/12 09:16	
Benzo(k)fluoranthene	ug/L	<1.0	5.0	05/24/12 09:16	
bis(2-Chloroethoxy)methane	ug/L	<1.2	5.0	05/24/12 09:16	
bis(2-Chloroethyl) ether	ug/L	<0.66	5.0	05/24/12 09:16	
bis(2-Ethylhexyl)phthalate	ug/L	<2.6	5.0	05/24/12 09:16	
Butylbenzylphthalate	ug/L	<1.1	5.0	05/24/12 09:16	
Carbazole	ug/L	<0.69	5.0	05/24/12 09:16	
Chrysene	ug/L	<0.78	5.0	05/24/12 09:16	
Di-n-butylphthalate	ug/L	<0.90	5.0	05/24/12 09:16	

Date: 06/05/2012 09:21 AM

### REPORT OF LABORATORY ANALYSIS

Page 10 of 18

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### QUALITY CONTROL DATA

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

METHOD BLANK: 609899 Matrix: Water  
Associated Lab Samples: 4060640001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Di-n-octylphthalate	ug/L	<1.5	5.0	05/24/12 09:16	
Dibenz(a,h)anthracene	ug/L	<1.4	5.0	05/24/12 09:16	
Dibenzofuran	ug/L	<1.1	5.0	05/24/12 09:16	
Diethylphthalate	ug/L	<1.3	5.0	05/24/12 09:16	
Dimethylphthalate	ug/L	<1.0	5.0	05/24/12 09:16	
Fluoranthene	ug/L	<0.91	5.0	05/24/12 09:16	
Fluorene	ug/L	<1.1	5.0	05/24/12 09:16	
Hexachloro-1,3-butadiene	ug/L	<0.66	10.0	05/24/12 09:16	
Hexachlorobenzene	ug/L	<1.1	5.0	05/24/12 09:16	
Hexachlorocyclopentadiene	ug/L	<1.1	5.0	05/24/12 09:16	
Hexachloroethane	ug/L	<0.58	5.0	05/24/12 09:16	
Indeno(1,2,3-cd)pyrene	ug/L	<0.67	5.0	05/24/12 09:16	
Isophorone	ug/L	<1.4	5.0	05/24/12 09:16	
N-Nitroso-di-n-propylamine	ug/L	<1.1	5.0	05/24/12 09:16	
N-Nitrosodiphenylamine	ug/L	<2.5	10.0	05/24/12 09:16	
Naphthalene	ug/L	<0.70	5.0	05/24/12 09:16	
Nitrobenzene	ug/L	<1.4	5.0	05/24/12 09:16	
Pentachlorophenol	ug/L	<1.1	10.0	05/24/12 09:16	
Phenanthrene	ug/L	<0.63	5.0	05/24/12 09:16	
Phenol	ug/L	<1.0	5.0	05/24/12 09:16	
Pyrene	ug/L	<1.6	5.0	05/24/12 09:16	
2,4,6-Tribromophenol (S)	%	73	38-130	05/24/12 09:16	
2-Fluorobiphenyl (S)	%	82	51-130	05/24/12 09:16	
2-Fluorophenol (S)	%	45	24-130	05/24/12 09:16	
Nitrobenzene-d5 (S)	%	83	41-130	05/24/12 09:16	
Phenol-d6 (S)	%	32	13-130	05/24/12 09:16	
Terphenyl-d14 (S)	%	72	38-130	05/24/12 09:16	

LABORATORY CONTROL SAMPLE & LCSD: 609900

609901

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	38.2	37.4	76	75	53-130	2	22	
1,2-Dichlorobenzene	ug/L	50	36.8	37.3	74	75	41-130	2	34	
1,3-Dichlorobenzene	ug/L	50	33.6	35.7	67	71	35-130	6	40	
1,4-Dichlorobenzene	ug/L	50	33.9	36.7	68	73	36-130	8	38	
2,2'-Oxybis(1-chloropropane)	ug/L	50	42.6	41.5	85	83	54-130	3	20	
2,4,5-Trichlorophenol	ug/L	50	51.5	47.5	103	95	65-130	8	20	
2,4,6-Trichlorophenol	ug/L	50	52.0	47.1	104	94	60-130	10	20	
2,4-Dichlorophenol	ug/L	50	48.7	47.2	97	94	63-130	3	20	
2,4-Dimethylphenol	ug/L	50	45.4	41.0	91	82	17-130	10	27	
2,4-Dinitrophenol	ug/L	50	43.8	44.6	88	89	23-130	2	33	
2,4-Dinitrotoluene	ug/L	50	50.3	50.6	101	101	58-131	1	20	
2,6-Dinitrotoluene	ug/L	50	50.1	48.0	100	96	65-130	4	20	
2-Chloronaphthalene	ug/L	50	45.5	43.1	91	86	64-130	5	20	
2-Chlorophenol	ug/L	50	43.6	43.0	87	86	49-130	1	20	

Date: 06/05/2012 09:21 AM

### REPORT OF LABORATORY ANALYSIS

Page 11 of 18

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### QUALITY CONTROL DATA

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

LABORATORY CONTROL SAMPLE & LCSD:		609900	609901		LCS	LCSD	% Rec	Max		
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	% Rec	% Rec	Limits	RPD	RPD	Qualifiers
2-Methylnaphthalene	ug/L	50	41.6	40.8	83	82	66-130	2	20	
2-Methylphenol(o-Cresol)	ug/L	50	40.0	40.4	80	81	36-130	1	21	
2-Nitroaniline	ug/L	50	50.9	50.1	102	100	66-130	1	20	
2-Nitrophenol	ug/L	50	49.0	45.9	98	92	48-130	7	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.9	35.7	72	71	34-130	1	20	
3,3'-Dichlorobenzidine	ug/L	50	31.8	34.7	64	69	43-130	9	28	
3-Nitroaniline	ug/L	50	54.0	52.3	108	105	53-130	3	21	
4,6-Dinitro-2-methylphenol	ug/L	50	41.1	40.4	82	81	41-133	2	21	
4-Bromophenylphenyl ether	ug/L	50	44.1	41.3	88	83	70-130	7	20	
4-Chloro-3-methylphenol	ug/L	50	45.5	44.4	91	89	42-130	2	20	
4-Chloroaniline	ug/L	50	47.9	48.0	96	96	48-130	0	29	
4-Chlorophenylphenyl ether	ug/L	50	44.4	42.8	89	86	67-130	4	20	
4-Nitroaniline	ug/L	50	54.3	55.5	109	111	46-130	2	21	
4-Nitrophenol	ug/L	50	22.8	22.0	46	44	14-130	4	38	
Acenaphthene	ug/L	50	45.6	43.5	91	87	70-130	5	20	
Acenaphthylene	ug/L	50	45.4	43.3	91	87	70-130	5	20	
Anthracene	ug/L	50	47.1	45.2	94	90	70-130	4	20	
Benzo(a)anthracene	ug/L	50	45.7	43.4	91	87	70-130	5	20	
Benzo(a)pyrene	ug/L	50	38.5	37.6	77	75	65-130	2	20	
Benzo(b)fluoranthene	ug/L	50	41.6	37.6	83	75	56-130	10	20	
Benzo(g,h,i)perylene	ug/L	50	45.0	41.8	90	84	49-136	7	36	
Benzo(k)fluoranthene	ug/L	50	44.0	46.8	88	94	62-130	6	23	
bis(2-Chloroethoxy)methane	ug/L	50	49.3	45.3	99	91	66-130	8	20	
bis(2-Chloroethyl) ether	ug/L	50	44.3	41.6	89	83	58-130	6	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	44.6	44.4	89	89	58-138	0	20	
Butylbenzylphthalate	ug/L	50	41.9	41.8	84	84	44-152	0	20	
Carbazole	ug/L	50	50.7	49.6	101	99	68-130	2	20	
Chrysene	ug/L	50	45.9	43.0	92	86	70-130	7	20	
Di-n-butylphthalate	ug/L	50	47.1	47.3	94	95	66-130	0	20	
Di-n-octylphthalate	ug/L	50	48.3	48.6	97	97	64-134	1	20	
Dibenz(a,h)anthracene	ug/L	50	42.6	35.6	85	71	50-131	18	33	
Dibenzofuran	ug/L	50	46.2	44.7	92	89	67-130	3	20	
Diethylphthalate	ug/L	50	44.7	44.1	89	88	61-130	1	20	
Dimethylphthalate	ug/L	50	46.8	44.7	94	89	61-130	5	20	
Fluoranthene	ug/L	50	56.0	56.5	112	113	59-130	1	20	
Fluorene	ug/L	50	46.8	46.7	94	93	70-130	0	20	
Hexachloro-1,3-butadiene	ug/L	50	34.0	35.2	68	70	40-130	3	38	
Hexachlorobenzene	ug/L	50	42.3	39.0	85	78	67-130	8	20	
Hexachlorocyclopentadiene	ug/L	50	28.6	26.4	57	53	10-130	8	50	
Hexachloroethane	ug/L	50	30.7	34.0	61	68	28-130	10	47	
Indeno(1,2,3-cd)pyrene	ug/L	50	39.9	35.7	80	71	41-132	11	36	
Isophorone	ug/L	50	43.0	40.5	86	81	40-130	6	20	
N-Nitroso-di-n-propylamine	ug/L	50	46.2	42.4	92	85	57-130	8	20	
N-Nitrosodiphenylamine	ug/L	50	57.4	47.6	115	95	59-144	19	42	
Naphthalene	ug/L	50	43.6	43.6	87	87	64-130	0	20	
Nitrobenzene	ug/L	50	45.4	41.3	91	83	59-130	9	20	
Pentachlorophenol	ug/L	50	41.9	41.5	84	83	45-130	1	27	
Phenanthrene	ug/L	50	47.6	45.9	95	92	70-130	4	20	

Date: 06/05/2012 09:21 AM

### REPORT OF LABORATORY ANALYSIS

Page 12 of 18

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**QUALITY CONTROL DATA**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

LABORATORY CONTROL SAMPLE & LCSD: 609900		609901								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Phenol	ug/L	50	23.5	20.7	47	41	26-130	13	22	
Pyrene	ug/L	50	41.3	39.0	83	78	51-130	6	23	
2,4,6-Tribromophenol (S)	%				90	91	38-130			
2-Fluorobiphenyl (S)	%				89	82	51-130			
2-Fluorophenol (S)	%				58	52	24-130			
Nitrobenzene-d5 (S)	%				91	84	41-130			
Phenol-d6 (S)	%				40	36	13-130			
Terphenyl-d14 (S)	%				71	68	38-130			

**QUALITY CONTROL DATA**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

QC Batch: WET/26161 Analysis Method: EPA 1664 OG  
QC Batch Method: EPA 1664 OG Analysis Description: 1664 HEM, Oil and Grease  
Associated Lab Samples: 4060640001

METHOD BLANK: 1207560 Matrix: Water  
Associated Lab Samples: 4060640001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/L	<1.0	5.1	05/31/12 12:50	

LABORATORY CONTROL SAMPLE: 1207561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40.8	37.7	92	78-114	

MATRIX SPIKE SAMPLE: 1207562

Parameter	Units	10193089001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	ND	44	33.3	75	78-114	M1

SAMPLE DUPLICATE: 1207563

Parameter	Units	10193189001 Result	Dup Result	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	ND	<1.0		18	

**QUALITY CONTROL DATA**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

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QC Batch: WET/11720	Analysis Method: SM 4500-H+B
QC Batch Method: SM 4500-H+B	Analysis Description: 4500H+B pH
Associated Lab Samples: 4060640001	

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SAMPLE DUPLICATE: 610408

Parameter	Units	4060695001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH	Std. Units	7.8	7.8	0		H6

**QUALITY CONTROL DATA**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

QC Batch: WETA/12539 Analysis Method: EPA 335.4  
QC Batch Method: EPA 335.4 Analysis Description: 335.4 Cyanide, Total  
Associated Lab Samples: 4060640001

METHOD BLANK: 613432 Matrix: Water  
Associated Lab Samples: 4060640001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	<0.0043	0.020	05/31/12 08:04	

LABORATORY CONTROL SAMPLE: 613433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.11	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 613434 613435

Parameter	Units	4060755001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	<0.0043	.1	.1	0.10	0.11	104	105	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 613436 613437

Parameter	Units	4060860002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	<0.0043	.1	.1	0.11	0.11	104	107	90-110	2	20	





## QUALIFIERS

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### LABORATORIES

PASI-G Pace Analytical Services - Green Bay

PASI-M Pace Analytical Services - Minneapolis

### BATCH QUALIFIERS

Batch: MSSV/4640

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

### ANALYTE QUALIFIERS

H6 Analysis initiated outside of the 15 minute EPA recommended holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: A122103 FORMER WABASH ALLOYS  
Pace Project No.: 4060640

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4060640001	A122103-01	EPA 3010	MPRP/6950	EPA 6010	ICP/5975
4060640001	A122103-01	EPA 7470	MERP/3097	EPA 7470	MERC/3536
4060640001	A122103-01	EPA 3510	OEXT/14588	EPA 8270	MSSV/4640
4060640001	A122103-01	EPA 1664 OG	WET/26161		
4060640001	A122103-01	SM 4500-H+B	WET/11720		
4060640001	A122103-01	EPA 335.4	<del>WETA/12540</del>	<del>EPA 335.4</del>	WETA/12541



SUBCONTRACT ORDER

ECCS  
A122103

UBK

SENDING LABORATORY:

ECCS  
2525 Advance Road  
Madison, WI 53718  
Phone: 608.221.8700  
Fax: 608,221,4889  
Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical  
1241 Bellevue Street, Suite 9  
Green Bay, WI 54302  
Phone : (920) 469-2436  
Fax: (920) 469-8827

Turn around Time: \_\_\_\_\_ Normal

Project Name: Former Wabash Alloys (Connell) - Oak Creek, WI \_\_\_\_\_ Rush

Lab ID: A122103-01	Water	Sampled: 05/18/2012 16:45	Laboratory ID	Comments
Zinc				2-1Lag <sup>BA</sup> 4.250ml/p <sup>a</sup>   2.50ml/p <sup>c</sup>
Subcontracted Analysis				O&Grease hexane extractable method
Silver				
Selenium				
Nickel				
Lead				
Cyanide Total				
Copper				
Cadmium				
Barium				
Arsenic				
8270 BNA				
Containers Supplied:				
01_1000mL Amber Glass	06_Client provided misc.	05_Client provided plastic	05_Client provided plastic	05_Client provided plastic
05_Client provided plastic	01_1000mL Amber Glass			

plus  
Mercury +  
molybdenum

add pH per client e-mail SUM 5/22/12

Bother A122103-01J  
rec'd of pH ~ 5  
added HNO<sub>3</sub> to pH < 2.

Released By	Date	Received By	Date
Karin Ann Killeen	5/21/12	Dunham	
Dunham	5/22/12	J. Stansfield	5-22-12
Released By	Date	Received By	Date

PTAPP



**Sample Condition Upon Receipt**

Client Name: ECCS Project # 4060640

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other \_\_\_\_\_

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None Other \_\_\_\_\_

Thermometer Used N/A

Type of Ice:  Wet  Blue  Dry  None

Samples on ice, cooling process has begun.

Cooler Temperature RO1

Biological Tissue is Frozen:  yes  no

Temp Blank Present:  yes  no

Temp should be above freezing to 6°C for all sample except Biota.

Biota Samples should be received ≤ 0°C.

Comments:

Optional
Proj. Due Date
Proj. Name

Person examining contents:
Date: <u>5-22-12</u>
Initials: <u>JS</u>

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>JS</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review:

Date: 5/22/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



**APPENDIX G**

**2012 ASBESTOS ANALYTICAL DATA**

**MICRO ANALYTICAL, INC.**

11521 West North Avenue  
Milwaukee, WI 53226  
(800) 771-9820 (414) 771-0855  
Fax: (414) 771-6570

**BULK ASBESTOS ANALYTICAL REPORT**  
Utilizing PLM and Dispersion Stain Technique

Customer: Natural Resources Technology  
23713 W. Paul Road  
Pewaukee, WI 53072

Report #: 117779  
Received: 22-May-2012  
Analyzed: 25-May-2012

Job ID: 2095

Sample ID	% Asbestos	Non-Asbestos		Color	Texture
		Fibrous Components	Non-Fibrous Components		
1A	None Detected		100%	Tan	Loose
1B	None Detected		100%	Tan	Compact
1C	None Detected		100%	Tan	Compact
2A	None Detected		100%	Gray	Loose
2B	None Detected		100%	Gray	Compact
2C	None Detected		100%	Gray	Compact
3A	None Detected		100%	Gray	Compact
3B	None Detected		100%	Gray	Compact
3C	None Detected		100%	Gray	Compact
4A	None Detected		100%	Brown	Compact
4B	None Detected		100%	Brown	Compact
4C	None Detected	<1% Fibrous Glass	100%	Brown	Compact
5A	15% Chrysotile		85%	Brown	Compact

Analyzed By: Jon Yakish

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of MICRO ANALYTICAL, INC.

Micro Analytical, Inc.  
 11521 West North Avenue  
 Milwaukee, WI 53226  
 414-771-0855 \* Fax 414-771-6570

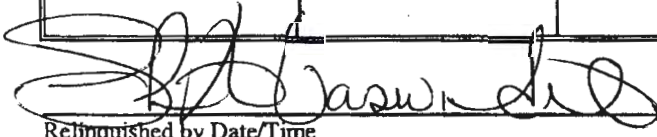
Client: Natural Resource Lead

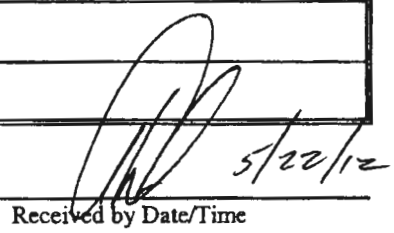
Job ID: 2095

# Samples: 5 x 3

Type: PCM PLM Lead TEM (circle one)

Sample ID	Date Collected	Location/Remarks
1abc	5/18/2012	Long cylinder (#1)
2abc	↓	Furnace (#2)
3abc		Stack (#3)
4abc		CAP (#4)
5abc		Northsiding (#5)

  
 Relinquished by Date/Time

 5/22/12  
 Received by Date/Time

Relinquished by Date/Time

Received by Date/Time

Relinquished by Date/Time

Received By Date/Time

Notes: Call Results # \_\_\_\_\_ Fax # \_\_\_\_\_

**MICRO ANALYTICAL, INC.**

11521 West North Avenue  
Milwaukee, WI 53226  
(800) 771-9820 (414) 771-0855  
Fax: (414) 771-6570

**BULK ASBESTOS ANALYTICAL REPORT**  
Utilizing PLM and Dispersion Stain Technique

Customer: Natural Resources Technology  
23713 W. Paul Road  
Pewaukee, WI 53072

Report #: 119093  
Received: 25-Jul-2012  
Analyzed: 01-Aug-2012

Job ID: 2095 - Oak Creek

<b>Sample ID</b>	<b>% Asbestos</b>	<b>Non-Asbestos Fibrous Components</b>	<b>Non-Fibrous Components</b>	<b>Color</b>	<b>Texture</b>
1A	None Detected	95% Cellulose	5%	Tan	Associated
1B	None Detected	95% Cellulose	5%	Tan	Associated
1C	None Detected	95% Cellulose	5%	Tan	Associated

Analyzed By: Kevin Hachey

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of MICRO ANALYTICAL, INC.



Micro Analytical, Inc.  
11521 West North Avenue  
Milwaukee, WI 53226  
414-771-0855 \* Fax 414-771-6570

Client: Latent Resource Inc

Job ID: 2095 OK Creek

# Samples: 1 (x3) Type: PCM PLM Lead TEM (circle one)

Sample ID	Date Collected	Location/Remarks
<u>1abc</u>	<u>July 24 12</u>	<u>SPRAYON BAG HOUSE</u>

[Signature]  
Relinquished by Date/Time

[Signature] 7/25/12  
Received by Date/Time

Relinquished by Date/Time \_\_\_\_\_ Received by Date/Time \_\_\_\_\_

Relinquished by Date/Time \_\_\_\_\_ Received By Date/Time \_\_\_\_\_

Notes: Call Results # \_\_\_\_\_ Fax # \_\_\_\_\_

**MICRO ANALYTICAL, INC.**

11521 West North Avenue  
Milwaukee, WI 53226  
(800) 771-9820 (414) 771-0855  
Fax: (414) 771-6570

**BULK ASBESTOS ANALYTICAL REPORT**  
Utilizing PLM and Dispersion Stain Technique

Customer: Natural Resources Technology  
23713 W. Paul Road  
Pewaukee , WI 53072

Report #: 119363  
Received: 10-Aug-2012  
Analyzed: 10-Aug-2012

Job ID: 2019

<b>Sample ID</b>	<b>% Asbestos</b>	<b>Non-Asbestos Fibrous Components</b>	<b>Non-Fibrous Components</b>	<b>Color</b>	<b>Texture</b>
1	None Detected		100%	Multi- Colored	Compact

Analyzed By: Arthur Warneke III

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of MICRO ANALYTICAL, INC.

Micro Analytical, Inc.  
11521 West North Avenue  
Milwaukee, WI 53226

414-771-0855 \* Fax 414-771-6570

Client: Natural Resource Deal

Job ID: 2019

# Samples: 1

Type: PCM (PLM) Lead TEM (circle one)

Sample ID	Date Collected	Location/Remarks
<u>I</u>	<u>8/8/2012</u>	<u>COATING ON STEEL FURNACE ROOM</u>

[Signature] 8/9/12 3:30 PM  
Relinquished by Date/Time Received by Date/Time

Catherine M. June 8/10/12 8:45 AM  
Relinquished by Date/Time Received by Date/Time

Relinquished by Date/Time Received By Date/Time  
[Signature] 8/10/12

Notes: Call Results # \_\_\_\_\_ Fax # \_\_\_\_\_

**MICRO ANALYTICAL, INC.**

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Milwaukee, WI 53226  
(800) 771-9820 (414) 771-0855  
Fax: (414) 771-6570

**BULK ASBESTOS ANALYTICAL REPORT**  
Utilizing PLM and Dispersion Stain Technique

Customer: Natural Resources Technology  
23713 W. Paul Road  
Pewaukee, WI 53072

Report #: 119465  
Received: 14-Aug-2012  
Analyzed: 21-Aug-2012

Job ID: 2095 - Former Wabash Alloys

<b>Sample ID</b>	<b>% Asbestos</b>	<b>Non-Asbestos Fibrous Components</b>	<b>Non-Fibrous Components</b>	<b>Color</b>	<b>Texture</b>
1	None Detected		100%	Gray	Resinous

Analyzed By: Kevin Hachey

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of MICRO ANALYTICAL, INC.



Micro Analytical, Inc.  
11521 West North Avenue  
Milwaukee, WI 53226  
414-771-0855 \* Fax 414-771-6570

Client: Natural Resource Deal

Job ID: 2095

# Samples: 1 Type: PCM PLM Lead TEM (circle one)

Sample ID	Date Collected	Location/Remarks
Gray Paint	5/14/2012	Interior

Relinquished Aug 14 2012  
Relinquished by Date/Time Received by Date/Time

Relinquished by Date/Time Received by Date/Time

Relinquished by Date/Time Received By Date/Time

Notes: Call Results # \_\_\_\_\_ Fax # \_\_\_\_\_



Environmental Chemistry Consulting Services, Inc.  
 2525 Advance Road  
 Madison, WI 53718  
 608-221-8700 (phone)  
 608-221-4889 (fax)

# CHAIN OF CUSTODY

Project Number: 2095				Lab Work Order #: <u>A122002</u>				Mail Report To: Julie Zimdars						
Project Name: Former Wabash Alloys - Connell property				Preservation Codes				Company: NRT						
Project Location: Oak Creek, WI				Analyses Requested: A				Address: 23713 W. Paul Rd , Unit D						
Turn Around (check one): <input type="checkbox"/> Normal <input checked="" type="checkbox"/> 5 BDs <input type="checkbox"/> 3 BDs <input type="checkbox"/> 2 BDs <input type="checkbox"/> 24 hrs				Matrix Total # of Containers PCBs method 8082 Total Lead TCLP lead TCLP PCBs				E-mail Address: jzimdars@naturalrt.com						
If Rush, Report Due Date:								Invoice To: NRT Account'g						
Sampled By (Print): Julie Zimdars								Company: NRT						
Sample Description				Collection		Comments				Lab ID		Lab Receipt Time		
				Date	Time					Address: same				
Paint - Interior Gray		5/10/2012		O	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			03	
Paint & Concrete - Interior Gray		5/10/2012		O	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Analysis added 05-24-12 jz			04
Paint - Exterior Red		5/10/2012		O	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				05
				O	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Paint + Concrete - Exterior White (TCLP)		5-10-12		O	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				06
Paint + Concrete - Interior Gray (TCLP)		5-10-12		O	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				07
TCLP Blank				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				08
				S		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

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SN 11162490  
 Exp 7/1/13



**APPENDIX H**

**2012 PCB SOIL ANALYTICAL DATA – TRANSFORMER  
AREA**



2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

Reported:  
05/11/2012

**HA500 0-1**  
**A121910-11 (Soil)**

Date Sampled  
05/08/2012 11:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0086	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	
PCB-1221	ND	0.0073	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	
PCB-1232	ND	0.0081	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	
PCB-1242	ND	0.0051	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	
<b>PCB-1248</b>	<b>0.43</b>	0.0061	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	
<b>PCB-1254</b>	<b>1.0</b>	0.0051	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	
<b>PCB-1260</b>	<b>0.20</b>	0.0028	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	
<b>Total PCBs</b>	<b>1.7</b>	0.0028	0.058	mg/kg dry	1	05/09/2012	05/10/2012 05:45	EPA 8082	

Surrogate: Decachlorobiphenyl 120 % 81.7-160 05/09/2012 05/10/2012 05:45 EPA 8082

Surrogate: Tetrachloro-meta-xylene 97.3 % 80.6-148 05/09/2012 05/10/2012 05:45 EPA 8082

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>86.2</b>		0.00	% by Weight	1	05/09/2012	05/10/2012 10:15	SM 2540B	
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2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc  
23713 West Paul Road, Unit D  
Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
Project Number: 2095  
Project Manager: Julie Zimdars

Reported:  
05/11/2012

**HA500 1-2**  
**A121910-12 (Soil)**

Date Sampled  
05/08/2012 11:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0089	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	
PCB-1221	ND	0.0075	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	
PCB-1232	ND	0.0084	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	
PCB-1242	ND	0.0053	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	
PCB-1248	ND	0.0063	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	
<b>PCB-1254</b>	<b>0.78</b>	0.0053	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	
PCB-1260	ND	0.0029	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	
<b>Total PCBs</b>	<b>0.78</b>	0.0029	0.060	mg/kg dry	1	05/09/2012	05/09/2012 17:42	EPA 8082	

Surrogate: Decachlorobiphenyl			79.7 %	81.7-160		05/09/2012	05/09/2012 17:42	EPA 8082	S
Surrogate: Tetrachloro-meta-xylene			82.6 %	80.6-148		05/09/2012	05/09/2012 17:42	EPA 8082	

**Classical Chemistry Parameters**

% Solids	83.5		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/11/2012

**HA500 2-3**  
**A121910-13 (Soil)**

Date Sampled  
 05/08/2012 11:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0092	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	
PCB-1221	ND	0.0078	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	
PCB-1232	ND	0.0087	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	
PCB-1242	ND	0.0055	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	
PCB-1248	ND	0.0066	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	
PCB-1254	ND	0.0055	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	
PCB-1260	ND	0.0030	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	
Total PCBs	ND	0.0030	0.062	mg/kg dry	1	05/09/2012	05/09/2012 18:07	EPA 8082	

Surrogate: Decachlorobiphenyl 87.6 % 81.7-160 05/09/2012 05/09/2012 18:07 EPA 8082

Surrogate: Tetrachloro-meta-xylene 101 % 80.6-148 05/09/2012 05/09/2012 18:07 EPA 8082

**Classical Chemistry Parameters**

% Solids	80.3		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/11/2012

**HA500 3-4**  
**A121910-14 (Soil)**

Date Sampled  
 05/08/2012 11:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0090	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	
PCB-1221	ND	0.0076	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	
PCB-1232	ND	0.0085	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	
PCB-1242	ND	0.0053	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	
PCB-1248	ND	0.0064	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	
<b>PCB-1254</b>	<b>0.030</b>	0.0053	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	J
PCB-1260	ND	0.0029	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	
<b>Total PCBs</b>	<b>0.030</b>	0.0029	0.061	mg/kg dry	1	05/09/2012	05/09/2012 18:32	EPA 8082	J
<i>Surrogate: Decachlorobiphenyl</i>			84.3 %	81.7-160		05/09/2012	05/09/2012 18:32	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			93.8 %	80.6-148		05/09/2012	05/09/2012 18:32	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>82.5</b>		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/11/2012

**HA501 0-1**  
**A121910-15 (Soil)**

Date Sampled  
 05/08/2012 10:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0088	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	
PCB-1221	ND	0.0075	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	
PCB-1232	ND	0.0083	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	
PCB-1242	ND	0.0052	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	
PCB-1248	ND	0.0063	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	
<b>PCB-1254</b>	<b>0.71</b>	0.0052	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	
<b>PCB-1260</b>	<b>0.39</b>	0.0028	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	
<b>Total PCBs</b>	<b>1.1</b>	0.0028	0.059	mg/kg dry	1	05/09/2012	05/09/2012 19:48	EPA 8082	

Surrogate: Decachlorobiphenyl 63.1 % 81.7-160 05/09/2012 05/09/2012 19:48 EPA 8082 S

Surrogate: Tetrachloro-meta-xylene 72.9 % 80.6-148 05/09/2012 05/09/2012 19:48 EPA 8082 S

**Classical Chemistry Parameters**

% Solids	84.3		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/11/2012

**HA501 1-2**  
**A121910-16 (Soil)**

Date Sampled  
 05/08/2012 10:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0087	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
PCB-1221	ND	0.0074	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
PCB-1232	ND	0.0083	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
PCB-1242	ND	0.0052	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
PCB-1248	ND	0.0062	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
<b>PCB-1254</b>	<b>0.66</b>	0.0052	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
<b>PCB-1260</b>	<b>0.37</b>	0.0028	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
<b>Total PCBs</b>	<b>1.0</b>	0.0028	0.059	mg/kg dry	1	05/09/2012	05/09/2012 20:13	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			76.1 %	81.7-160		05/09/2012	05/09/2012 20:13	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			84.0 %	80.6-148		05/09/2012	05/09/2012 20:13	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>84.8</b>		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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2525 Advance Road  
 Madison, WI 53718  
 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/11/2012
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**HA501 2-3**  
**A121910-17 (Soil)**

Date Sampled  
 05/08/2012 10:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0090	0.061	mg/kg dry	1	05/09/2012	05/09/2012 20:38	EPA 8082	
PCB-1221	ND	0.0077	0.061	mg/kg dry	1	05/09/2012	05/09/2012 20:38	EPA 8082	
PCB-1232	ND	0.0085	0.061	mg/kg dry	1	05/09/2012	05/09/2012 20:38	EPA 8082	
PCB-1242	ND	0.0054	0.061	mg/kg dry	1	05/09/2012	05/09/2012 20:38	EPA 8082	
PCB-1248	0.14	0.0065	0.061	mg/kg dry	1	05/09/2012	05/09/2012 20:38	EPA 8082	
PCB-1254	0.78	0.0054	0.061	mg/kg dry	1	05/09/2012	05/09/2012 20:38	EPA 8082	
PCB-1260	0.36	0.0029	0.061	mg/kg dry	1	05/09/2012	05/09/2012 20:38	EPA 8082	
<b>Total PCBs</b>	<b>1.3</b>	<b>0.0029</b>	<b>0.061</b>	<b>mg/kg dry</b>	<b>1</b>	<b>05/09/2012</b>	<b>05/09/2012 20:38</b>	<b>EPA 8082</b>	

Surrogate: Decachlorobiphenyl 85.3 % 81.7-160 05/09/2012 05/09/2012 20:38 EPA 8082

Surrogate: Tetrachloro-meta-xylene 93.5 % 80.6-148 05/09/2012 05/09/2012 20:38 EPA 8082

**Classical Chemistry Parameters**

% Solids	82.1		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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2525 Advance Road  
Madison, WI 53718  
608.221.8700 Phone  
608.221.4889 Fax

Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/11/2012
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**HA501 3-4**  
**A121910-18 (Soil)**

Date Sampled  
05/08/2012 10:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0097	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	
PCB-1221	ND	0.0083	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	
PCB-1232	ND	0.0092	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	
PCB-1242	ND	0.0058	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	
PCB-1248	ND	0.0070	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	
PCB-1254	ND	0.0058	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	
<b>PCB-1260</b>	<b>0.057</b>	0.0032	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	J
<b>Total PCBs</b>	<b>0.057</b>	0.0032	0.066	mg/kg dry	1	05/09/2012	05/09/2012 22:44	EPA 8082	J
<i>Surrogate: Decachlorobiphenyl</i>			77.2 %	81.7-160		05/09/2012	05/09/2012 22:44	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			89.7 %	80.6-148		05/09/2012	05/09/2012 22:44	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>76.2</b>		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/11/2012
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**HA501 4.5-5.0**  
**A121910-19 (Soil)**

Date Sampled  
 05/08/2012 10:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0095	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	
PCB-1221	ND	0.0080	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	
PCB-1232	ND	0.0089	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	
PCB-1242	ND	0.0056	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	
PCB-1248	ND	0.0068	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	
PCB-1254	ND	0.0056	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	
<b>PCB-1260</b>	<b>0.057</b>	0.0031	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	J
<b>Total PCBs</b>	<b>0.057</b>	0.0031	0.064	mg/kg dry	1	05/09/2012	05/09/2012 23:10	EPA 8082	J
<i>Surrogate: Decachlorobiphenyl</i>			79.9 %	81.7-160		05/09/2012	05/09/2012 23:10	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			89.1 %	80.6-148		05/09/2012	05/09/2012 23:10	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>78.3</b>		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/11/2012

**DUP 1**

Date Sampled

**A121910-20 (Soil)**

05/08/2012 10:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0094	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
PCB-1221	ND	0.0080	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
PCB-1232	ND	0.0088	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
PCB-1242	ND	0.0056	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
PCB-1248	ND	0.0067	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
PCB-1254	<b>0.28</b>	0.0056	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
PCB-1260	<b>0.21</b>	0.0030	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
<b>Total PCBs</b>	<b>0.49</b>	0.0030	0.063	mg/kg dry	1	05/09/2012	05/09/2012 23:35	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			77.1 %	81.7-160		05/09/2012	05/09/2012 23:35	EPA 8082	S
<i>Surrogate: Tetrachloro-meta-xylene</i>			83.7 %	80.6-148		05/09/2012	05/09/2012 23:35	EPA 8082	

**Classical Chemistry Parameters**

% Solids	79.1		0.00	% by Weight	1	05/09/2012	05/10/2012 10:30	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB502 0-1** Date Sampled  
**A122004-75 (Soil)** 05/11/2012 09:44

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	
PCB-1221	ND	0.0066	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	
<b>PCB-1248</b>	<b>0.023</b>	0.0055	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	J
<b>PCB-1254</b>	<b>0.13</b>	0.0046	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	
<b>PCB-1260</b>	<b>0.052</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	
<b>Total PCBs</b>	<b>0.20</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/16/2012 23:01	EPA 8082	
<i>Surrogate: Decachlorobiphenyl</i>			101 %	81.7-160		05/16/2012	05/16/2012 23:01	EPA 8082	
<i>Surrogate: Tetrachloro-meta-xylene</i>			92.3 %	80.6-148		05/16/2012	05/16/2012 23:01	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	96.0		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB502 1-2**  
**A 122004-76 (Soil)**

Date Sampled  
 05/11/2012 09:44

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0087	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
PCB-1221	ND	0.0074	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
PCB-1232	ND	0.0082	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
PCB-1242	ND	0.0052	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
PCB-1248	ND	0.0062	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
PCB-1254	ND	0.0052	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
PCB-1260	ND	0.0028	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
Total PCBs	ND	0.0028	0.059	mg/kg dry	1	05/16/2012	05/16/2012 23:29	EPA 8082	
Surrogate: Decachlorobiphenyl			96.7 %	81.7-160		05/16/2012	05/16/2012 23:29	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			98.4 %	80.6-148		05/16/2012	05/16/2012 23:29	EPA 8082	

**Classical Chemistry Parameters**

% Solids	85.0		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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2525 Advance Road  
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Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/22/2012

**SB502 2-3**  
**A122004-77 (Soil)**

Date Sampled  
 05/11/2012 09:44

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0094	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
PCB-1221	ND	0.0080	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
PCB-1232	ND	0.0089	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
PCB-1242	ND	0.0056	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
PCB-1248	ND	0.0067	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
PCB-1254	ND	0.0056	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
PCB-1260	ND	0.0030	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
Total PCBs	ND	0.0030	0.063	mg/kg dry	1	05/16/2012	05/16/2012 23:57	EPA 8082	
Surrogate: Decachlorobiphenyl			94.4 %	81.7-160		05/16/2012	05/16/2012 23:57	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			92.4 %	80.6-148		05/16/2012	05/16/2012 23:57	EPA 8082	

**Classical Chemistry Parameters**

% Solids	78.9		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB503 (concrete)**  
**A122004-15 (Soil)**

Date Sampled  
 05/11/2012 09:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	
PCB-1221	ND	0.0066	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	
<b>PCB-1248</b>	<b>0.027</b>	0.0055	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	J
PCB-1254	ND	0.0046	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	
<b>PCB-1260</b>	<b>0.088</b>	0.0025	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	
<b>Total PCBs</b>	<b>0.12</b>	0.0025	0.052	mg/kg dry	1	05/15/2012	05/15/2012 18:28	EPA 8082	
Surrogate: Decachlorobiphenyl			100 %	81.7-160		05/15/2012	05/15/2012 18:28	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			93.6 %	80.6-148		05/15/2012	05/15/2012 18:28	EPA 8082	

**Classical Chemistry Parameters**

% Solids	95.6		0.00	% by Weight	1	05/15/2012	05/16/2012 11:30	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB503 0-1**  
**A122004-78 (Soil)**

Date Sampled  
05/11/2012 09:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0087	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
PCB-1221	ND	0.0074	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
PCB-1232	ND	0.0082	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
PCB-1242	ND	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
PCB-1248	ND	0.0062	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
PCB-1254	ND	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
PCB-1260	ND	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
Total PCBs	ND	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:25	EPA 8082	
Surrogate: Decachlorobiphenyl			88.8 %	81.7-160		05/16/2012	05/17/2012 00:25	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			88.7 %	80.6-148		05/16/2012	05/17/2012 00:25	EPA 8082	

**Classical Chemistry Parameters**

% Solids	85.5		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB503 1-2**  
**A122004-79 (Soil)**

Date Sampled  
 05/11/2012 09:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0086	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	
PCB-1221	ND	0.0073	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	
PCB-1232	ND	0.0081	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	
PCB-1242	ND	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	
PCB-1248	ND	0.0062	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	
PCB-1254	ND	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	
PCB-1260	ND	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	
Total PCBs	ND	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 00:53	EPA 8082	

Surrogate: Decachlorobiphenyl 93.8 % 81.7-160 05/16/2012 05/17/2012 00:53 EPA 8082

Surrogate: Tetrachloro-meta-xylene 92.4 % 80.6-148 05/16/2012 05/17/2012 00:53 EPA 8082

**Classical Chemistry Parameters**

% Solids	86.1		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB503 2-3**  
**A122004-80 (Soil)**

Date Sampled  
05/11/2012 09:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0086	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
PCB-1221	ND	0.0073	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
PCB-1232	ND	0.0082	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
PCB-1242	ND	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
PCB-1248	ND	0.0062	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
PCB-1254	ND	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
PCB-1260	ND	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
Total PCBs	ND	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 03:13	EPA 8082	
Surrogate: Decachlorobiphenyl			95.6 %	81.7-160		05/16/2012	05/17/2012 03:13	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			88.8 %	80.6-148		05/16/2012	05/17/2012 03:13	EPA 8082	

**Classical Chemistry Parameters**

% Solids	85.9		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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 608.221.8700 Phone  
 608.221.4889 Fax

Natural Resource Technology Inc  
 23713 West Paul Road, Unit D  
 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/22/2012

**SB504 0-1**  
**A122004-81 (Soil)**

Date Sampled  
 05/11/2012 10:02

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0077	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	
PCB-1221	ND	0.0065	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	
PCB-1232	ND	0.0073	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	
PCB-1242	ND	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	
<b>PCB-1248</b>	<b>0.032</b>	0.0055	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	J
<b>PCB-1254</b>	<b>0.22</b>	0.0046	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	
<b>PCB-1260</b>	<b>0.069</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	
<b>Total PCBs</b>	<b>0.32</b>	0.0025	0.052	mg/kg dry	1	05/16/2012	05/17/2012 03:41	EPA 8082	

Surrogate: Decachlorobiphenyl 106 % 81.7-160 05/16/2012 05/17/2012 03:41 EPA 8082

Surrogate: Tetrachloro-meta-xylene 93.8 % 80.6-148 05/16/2012 05/17/2012 03:41 EPA 8082

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>96.5</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB504 1-2**  
**A122004-82 (Soil)**

Date Sampled  
05/11/2012 10:02

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0086	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	
PCB-1221	ND	0.0073	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	
PCB-1232	ND	0.0081	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	
PCB-1242	ND	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	
<b>PCB-1248</b>	<b>0.15</b>	0.0061	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	
<b>PCB-1254</b>	<b>0.40</b>	0.0051	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	
<b>PCB-1260</b>	<b>0.080</b>	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	
<b>Total PCBs</b>	<b>0.62</b>	0.0028	0.058	mg/kg dry	1	05/16/2012	05/17/2012 04:09	EPA 8082	

Surrogate: Decachlorobiphenyl			98.9 %	81.7-160		05/16/2012	05/17/2012 04:09	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			91.5 %	80.6-148		05/16/2012	05/17/2012 04:09	EPA 8082	

**Classical Chemistry Parameters**

<b>% Solids</b>	<b>86.4</b>		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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Natural Resource Technology Inc  
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 Pewaukee WI, 53072

Project: Former Wabash Alloys (Connell) - Oak Creek, WI  
 Project Number: 2095  
 Project Manager: Julie Zimdars

Reported:  
 05/22/2012

**SB504 2-3**  
**A122004-83 (Soil)**

Date Sampled  
 05/11/2012 10:02

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0093	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	
PCB-1221	ND	0.0079	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	
PCB-1232	ND	0.0088	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	
PCB-1242	ND	0.0055	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	
PCB-1248	ND	0.0067	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	
PCB-1254	ND	0.0055	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	
PCB-1260	ND	0.0030	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	
Total PCBs	ND	0.0030	0.063	mg/kg dry	1	05/16/2012	05/17/2012 04:37	EPA 8082	

Surrogate: Decachlorobiphenyl 93.0 % 81.7-160 05/16/2012 05/17/2012 04:37 EPA 8082

Surrogate: Tetrachloro-meta-xylene 94.9 % 80.6-148 05/16/2012 05/17/2012 04:37 EPA 8082

**Classical Chemistry Parameters**

% Solids	79.5		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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Natural Resource Technology Inc 23713 West Paul Road, Unit D Pewaukee WI, 53072	Project: Former Wabash Alloys (Connell) - Oak Creek, WI Project Number: 2095 Project Manager: Julie Zimdars	Reported: 05/22/2012
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**SB504 3-4**  
**A122004-84 (Soil)**

Date Sampled  
 05/11/2012 10:02

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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**ECCS**

**Polychlorinated Biphenyls by EPA Method 8082**

PCB-1016	ND	0.0091	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
PCB-1221	ND	0.0077	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
PCB-1232	ND	0.0086	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
PCB-1242	ND	0.0054	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
PCB-1248	ND	0.0065	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
PCB-1254	ND	0.0054	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
PCB-1260	ND	0.0029	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
Total PCBs	ND	0.0029	0.061	mg/kg dry	1	05/16/2012	05/17/2012 05:05	EPA 8082	
Surrogate: Decachlorobiphenyl			89.1 %	81.7-160		05/16/2012	05/17/2012 05:05	EPA 8082	
Surrogate: Tetrachloro-meta-xylene			90.9 %	80.6-148		05/16/2012	05/17/2012 05:05	EPA 8082	

**Classical Chemistry Parameters**

% Solids	81.5		0.00	% by Weight	1	05/16/2012	05/17/2012 09:58	SM 2540B	
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