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FINAL CONSTRUCTION COMPLETION REPORT FOR WILLOWBROOK POND INTERIM REMEDIAL MEASURE DESIGN

FORMER ALTECH SPECIALTY STEEL - WILLOWBROOK POND – OPERATING UNIT 2

WILLOWBROOK AVENUE

CITY OF DUNKIRK, CHAUTAUQUA COUNTY, NEW YORK

Site No. 907022
WORK AUTHORIZATION D006132-30
SHAW PROJECT No. 134685.30

September 2015

Submitted to:

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Certification

I, Matthew J. Sausville, certify that I am currently a Qualified Environmental Professional as defined in 6 New York Codes, Rules and Regulations, Part 375 and that this Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Department of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Matthew J. Sausville
Printed Name of Professional Engineer

Signature of Professional Engineer

Registration Number: 091031
State: New York

Date: 09-30-2015

1.0 Introduction

The purpose of this Final Construction Completion Report (CCR) is to document the site construction activities that took place at the former Altecth Specialty Steel Facility, Willowbrook Pond remediation project in Dunkirk, New York (**Figure 1**).

Shaw Environmental & Infrastructure of New York, P.C. (Shaw), under contract to the New York State Department of Environmental Conservation (NYSDEC), was retained to complete the construction management for the implementation of the AlTech Specialty Steel OU2A – Willowbrook Pond Closure Interim Remedial Measure (IRM).

2.0 Site Background and Site History

The Former AlTech Specialty Steel site (Site) is an industrial property located within the City of Dunkirk that is currently listed as a Class 2 Inactive Hazardous Waste Disposal (Site No. 907022) (**Figure 1**). Within the Site is Willowbrook Pond, a 1.89 acre surface water impoundment with an approximate capacity of 5.4 million gallons that was originally designed to be a storage area of cooling water for the facility. However, over time the pond evolved into a receptacle for discharges from a number of process-line sources (including product rinsing) and stormwater runoff. Depositions of sediment, metallic fines, and other process wastes from historic facility operations resulted in the buildup of sludge and sediment along the bottom of the pond. This material is known to contain hazardous constituents based upon review of the historic information provided to Shaw by the NYSDEC and the analytical data generated during the site characterization portion of this work.

In October, 2009 an Interim Remedial Measure/Remedial Investigation/Feasibility Study (IRM/RI/FS) was conducted by GZA GeoEnvironmental of New York (GZA) for Special Metals Corporation (SMC), owners of the adjoining property east of the site. According to the results of the GZA assessments, Polychlorinated Biphenols (PCB) concentrations above pertinent Recommended Soil Cleanup Objectives (RSCO's) were detected in side wall confirmation samples located from 0-10 feet and 0-4 feet on the west/northwest and west/southwest SMC property borders, respectively.

In April 2012, Shaw was directed to begin the IRM design in accordance with Work Authorization (WA) D006132-22. A primary assessment task within this WA was the Site Characterization (SC) component of the IRM design, which was completed in July 2011 and May 2012. The intent of the SC was to characterize surface and subsurface soils and sediments within the pond and use this data to develop a remedial strategy and disposal option consistent with the analytical data.

The July 2011/May 2012 SC component consisted of the following elements:

- Advancement of soil borings to facilitate the collection of subsurface soil samples from areas located immediately adjacent to the banks of Willowbrook Pond;
- Collection of surface soil samples from the banks of Willowbrook Pond;
- Collecting of sediment samples from the pond bottom;
- Collecting surface water samples from the pond;
- Installation of test pits;
- Installation of well points for use in dewatering operations during IRM implementation;
- Installation of bedrock wells to evaluate hydraulic communication between the bedrock and overburden;

- Preparing a composite sample from each matrix for Toxicity Characteristics Leaching Procedure (TCLP) analysis for the purpose of characterizing this material for off-site disposal; and;
- Completion of a site-wide utility mark-out and survey showing all sample locations, topography, utilities, and all other relevant site features (**Figure 2**).

The results from the July 2011/ May 2012 SC event showed elevated of PCB and Metal detections exceeding their respective Remedial Soil Cleanup Objectives (RSCOs) for the three media that were sampled. These reports were completed under separate cover. Based on these findings, a remedial design for the IRM was completed in April 2013 (Contract Documents). The Contract Documents prepared for this project are provided in **Appendix A**.

3.0 IRM Design and Scope of Work

3.1 Scope of Work Overview

The Contractor was required to furnish all labor, materials, equipment, subcontractor services, and incidentals related to the implementation of the IRM at the Site. The scope of work included site preparation/clearing and grubbing, the installation of erosion and sediment controls, excavation and handling/off-site disposal of impacted materials, excavation/grading of site materials, installation and use of a groundwater dewatering and treatment system, dewatering the recycle water pond, excavation of pond sediment, excavation of soil, removing/abating certain structures/building (containing asbestos in the roofing tar of shingles) associated with the recycle water pond, backfilling, construction of a final surface soil cover system, grading and drainage as indicated on the Contract Drawings.

The work also required the Contractor to plan, organize, monitor, and coordinate the logical and timely sequence of site activities in accordance with all applicable regulatory requirements. These activities included preparation of submittals, permits, attendance at project meetings, and administrative activities.

The IRM implementation work included, but is not limited to, the following:

General: General activities include setting up Contractor/Shaw field office, staff, and construction facilities; mobilizing and demobilizing all equipment, materials, and labor; performing site monitoring and protection; mobilizing and implementing health and safety equipment and practices; setting up and performing site security during the project construction period; and performing a perimeter air monitoring program; and complying with all requirements specified within the Contract Documents.

In addition, general activities included surveying and survey control, ancillary support services and activities throughout the performance of site activities as well as post-construction activities (e.g., as-built documentation).

Demolition of Existing Structures: As required by the IRM this task included the demolition and removal of onsite structures that were deemed to interfere with proposed construction activities. Specifically, a small structure located at the southwest corner of the pond was demolished. Mastic ACM was identified in the shingle roof tar and these items were abated in accordance with Code Rule 56, and as directed by Shaw. Additionally, concrete structures within the pond were proposed for demolition.

Site Preparation: Site preparation included all activities involving preparation of the Site for the specified work such as obtaining necessary permits; performing water management; providing erosion and environmental controls; clearing and grubbing; removing existing fences (as necessary), installing temporary construction fencing, and removing and plugging abandoned utilities (as encountered during material excavation).

Material Excavation: As required by the IRM design, impacted sediments and soils were to be excavated to the horizontal limits and depths shown on the Contract Drawings. Materials generated during the excavation efforts were to be transported to a designated soil stockpile area within the Site for dewatering/amendment activities (as necessary) to facilitate the material suitable for off-site disposal. The material was to be disposed of as specified and outlined in the Contract Documents. The excavation activities were to require dewatering of pond and groundwater, and drainage of stockpiled material. Water generated as a result of these activities was to be collected, treated, and properly discharged.

Temporary Water Treatment System: Install a water treatment system to treat water generated as a result of dewatering activities during construction and to control groundwater within the Site. Specifically, design the water treatment system to treat pond water and water generated during construction efforts as well as groundwater recovered from groundwater collection system at a rate to prevent water infiltration into excavation boundaries. Operate the pond and water treatment system during the performance of the IRM remedial construction activities. Upon completion of construction activities remove the system from service and restore the area to its original condition.

Backfilling: Backfilling construction includes the placement and compaction of clean imported backfill material in all excavation areas as shown on the Contract Drawings.

Final Surface Cover: Final surface cover system construction includes re-grading of the subgrade, installation of a final soil surface cover system, topsoil and seeding, and associated testing.

Site Restoration: Site restoration includes installing and repairing fences and gates, installing permanent erosion control measures, repairing and replacing any damaged or temporarily relocated site features, seeding and mulching disturbed areas, establishment of upland vegetation, and removing temporary construction and erosion and sediment control measures (e.g., decontamination pads, material staging areas, site trailers, silt fencing, and hay bales).

The detailed scope of work and Contractor requirements were described in several components that collectively represent the IRM design. These components include the following:

1. Contract Drawings - See Contract Documents (**Appendix A**)
2. Technical Specifications - See Contract Documents (**Appendix A**)
3. Construction Quality Assurance Project Plan – See Submittals (**Appendix B**)
4. Ancillary documents including the Storm Water Pollution Prevention Plan, Health and Safety Plan, Community Air Monitoring Plan, and Waste Handling and Disposal Plan, Operations Plan, Work Plan and Contingency Plan. See Submittals (**Appendix B**).

4.0 Remedy Implementation

4.1 Contractor Submittals

The Contractor submitted the following documents in accordance with the approved Contract Documents. The Approved Submittals are in accordance with the Contract Documents. The Approved Submittals are included in **Appendix B** and are listed below.

- Asbestos Abatement Work Plan
- Community Air Monitoring Plan (CAMP)
- Sampling and Analysis Plan
- Site-Specific Health and Safety Plan
- Operations Work Plan
- Pond Water Characterization Results
- Product Data
- Pump Test Sample Plan and Results
- Sampling and Analysis Plan
- Stormwater Pollution Prevention Plan
- Transportation Plan

4.2 Premobilization Site Activities (Dewatering Test)

Horizon Environmental Services (Horizon) proposed to conduct a pump test of Willowbrook Pond in order to help determine the recharge rate for planning the construction phase. The plan was draw down the pond to approximately 1.5-2' above the silt bottom to evaluate the rate of recharge of the pond. On January 16, 2014, Horizon sampled the pond water from 2', 4', and 6' below the surface. Samples indicated that no contaminants exceeded the surface discharge limits with the exceptions of nickel and sodium. The NYSDEC indicated the previously established limits for nickel (which are higher) were not exceeded and that the sampling and analysis conducted on January 16, 2014 were acceptable. Horizon discharged of approximately three million gallons of water in the intermittent stream immediately to the south of the Willowbrook Pond (Willowbrook Creek) within the property boundary.

Horizon mobilized to the site on February 10, 2014 and used DV-80 diesel pump to lower the water level in Willowbrook pond down to approximately to 2 feet above the pond bottom. The test was completed on February 13, 2015. The maximum capacity of the pump was 500 gallons per minute. The estimated flow rate during the pump test was approximately 380 - 400gpm. The pump was operated 24 hours per day until the desired water level in the pond had been reached.

The water was extracted from the pond using a three-inch diameter vacuum line suspended from the pond bottom using a wooden frame inserted through a hole in the ice two feet above the bottom of the pond.

The wooden frame had two 12" x 8" x 16" concrete blocks attached to the bottom to prevent it from floating. The system was installed approximately 20 feet from the south west corner of the pond. The water was discharged to an on-site stormwater catch basin located in the southwest corner of the Site. The outfall of the catch basin discharged to Willowbrook Creek south east of the pond. Horizon completed turbidity measurements as directed and all results were less than 2 NTU.

The diesel pump was re-fueled daily by a local fuel delivery from Griffith Energy. After the pond water was drawn down approximately 1.5-2' above the bottom, Horizon demobilized the pumping equipment and monitored water depth for daily fluctuations. Based on this information Horizon developed their means and methods to dewater the pond and complete the required scope of work.

Two water samples were collected at the discharge point on February 11 and 12, 2014 and analyzed for TAL metals (EPA Method 6010C) and PCBs (EPA method 8082A). Results from both samples indicated the presence of low level detections for PCBs (.089 parts per billion (ppb)) and (.099 ppb) respectively. Following receipt of the results, the pump test was stopped and pump unit was demobilized. Complete analytical results from the dewatering test are summarized on **Table 1** and full analytical data packages are provided in **Appendix C**.

4.3 Contractor Mobilization and Site Preparation

Beginning March 31st, 2014, Horizon mobilized site personnel, heavy equipment, water pumping and treatment equipment, materials and subcontractors necessary for the execution of the work. Horizon also mobilized the temporary storage container and completed the following described herein.

4.3.1 Clearing and Grubbing

On March 31st 2014 Horizon and sub-contractor St. George Construction mobilized to the Site to begin clearing and grubbing activities. The areas cleared and grubbed were completed in accordance with the areas shown on the Contract Documents. Trees and vegetation were left in place along the southern border in order to maintain a visual screen from the residential area across Willowbrook Avenue and to provide a vegetative buffer between the work area and Willowbrook Creek.

A track-mounted hydro-ax was used for all trees and brush small enough to be cut with that method. Trees too large for the hydro-ax were cut using chainsaws. Stumps outside the proposed excavation area were cut as close as possible to ground surface and then ground down with a stump grinder to 6" below ground surface.

Stumps within the proposed excavation area were not removed below ground surface during clearing and grubbing activities but rather were removed by the excavation equipment during the remediation phase of the project and disposed of with the contaminated soils.

All cut trees were chipped and the chips were scattered along the northern and southern ends of the Site. All chipped material was kept within the project property limits. Clearing and grubbing activities were completed on April 1st, 2014.

Public roadways and improved surfaces (parking lot) were kept free from tracked mud and debris. Tires and tracks were scraped and washed to ensure no soils leave the Site. No vehicle tracks or tires entered the contaminated zone during clearing and grubbing operations.

4.3.2 Installation of Erosion and Sediment Controls

A stormwater pollution and prevention plan is required on construction projects where the area of land disturbance is greater than 1 acre. The estimated disturbance area at the site was greater than 2 acres. However, given that the majority of the site disturbance area was from within the pond, it was not considered as area subject to erosion and sedimentation but rather acted as stormwater control measure by containing runoff. Therefore, a modified Storm Water Pollution Prevention Plan (SWPPP) was submitted to requiring Horizon to conform to the provisions the New York General permit GP-0-10-001 dated January 29, 2010 and the Contract Documents for the subject NYSDEC contract D008535. This documentation is provided in **Appendix B**.

Erosion and sediment control practices implemented at the Site included the installation of silt fence along the southern end of the Site, installation of a construction entrance, and installation of straw hay bales (as needed) to prevent silt and sediment infiltration into adjacent storm drains. Additionally, rip rap outlet protection was installed at the outlet pipe (discussed in Section 4.12) along the sidebank of Willowbrook Creek. These practices were maintained throughout the duration of the work. See **Figure 4** for locations of Erosion and sediment controls.

Erosion and sediment controls were visually inspected on a daily basis. Any deficiencies noticed during the inspections were repaired. Additional erosion control materials were kept on site for repairs and/or additional protection.

4.3.3 Temporary Facilities

On April 16, 2014, HES and subcontractor BECC Electric installed the weather head and electrical meter box on an on-site power pole for the Contractor/Shaw job trailer. The job trailer, provided by William Scotsman was mobilized and placed on the Site on May 19th, 2015. Subcontractor BECC Electric installed the electrical service. The job trailer was installed in the southwest corner of the Site near the construction entrance. The location of the job trailer is shown on **Figure 4**.

Other temporary facilities installed during site preparation operations included a connex box for equipment storage and a portable toilet that was located the office trailer.

On April 15, 2014 Horizon and subcontractor Picket Fence installed the chain link gate at the proposed construction entrance in accordance with the Contract Documents. A stabilized construction entrance was installed in accordance with the Contract Documents on May 19th, 2014.

The entrance was installed on a layer of geotextile overlain by six inches of crusher run material. The construction entrance was installed at the corner of Willowbrook Ave and Brigham Road near the job trailer. The entrance was approximately 20 feet wide by 30 feet in length.

4.4 Pond Dewatering

On April 11th 2014, Horizon mobilized to the Site to begin dewatering of the pond. Based on the analytical results from the February 2014 pump test (Section 4.2) and consultation with NYSDEC and Shaw, the proposed dewatering system was modified to prevent the suction and discharge of PCB contaminated sediments into Willowbrook Creek. The pond water was allowed to be directly discharged to Willowbrook Creek without treatment from the top of the original pond water surface to one (1) foot above the top of sediment (pond depth = 1 foot). After reaching a depth of 1 feet above the top of the sediment, the pond would require treatment.

This was completed by placing a vacuum suction intake line through a wooded floatation platform immediately below the pond water surface. The intent of the system was to ensure the suction hose was not near contaminated sediments. The pumping system consisted of a 6" diameter Sykes pump with a suction and discharge line. Dewatering operations were completed from April 11th, 2014 through April 17th, 2014.

On April 17th, 2014, dewatering operations reached a depth of approximately 1- 2 feet above the top of pond sediment at which point Horizon discontinued dewatering operations and demobilized the pump. On April 24th, 2014, Horizon installed an onsite treatment system as required to continue dewatering operations. Prior to installing the treatment system, a pre-construction soil sample was collected from beneath the proposed foot print of the waste water treatment system and sent to Test America for analysis. The sample was analyzed for PCBs, TCLP Metals, and TCLP Mercury. The results are provided in **Appendix C**.

The treatment system consisted of two bag filter units (capable of 5 micron bag filters), two 2,000 pound carbon (lead and lag) vessels and a 3" power prime pump. A pump test was completed by recirculating the treated effluent water back into the pond and collecting a water sample. The sample analytical results were received on April 29, 2015 and determined to be "non-detect" for PCBs and metals. Upon notification of results, pond dewatering operations were allowed to resume using the installed waste water treatment train.

On April 30th, 2014 one effluent water sample was collected from the pond and analyzed for VOCs (EPA Method 8260C), SVOCs (EPA Method 8270D), Metals (EPA Method 6010C), Mercury (EPA Method 7470A), PCBs (EPA Method 8082A), and Oil & Grease (EPA Method 1664A). Turbidity was monitored at a frequency of approximately 2 hours. Analytical results are reported on **Table 1**. Full analytical data packages are provided in **Appendix C**.

On May 20th, 2014, Horizon began installation of a dewatering sump at the southwest corner of the pond to be used for continuous dewatering throughout the duration of the project to further dewater the pond. The

sump was installed into the bedrock using a Komatsu PC 360 excavator and used to collect and treat groundwater and stormwater runoff into the pond. On May 27th, 2015 Horizon expanded the dewatering sump using the Doosan DL250 front end loader to further increase the storage capacity.

On June 3rd, 2014, Horizon received effluent analytical results from a sample collected on May 30, 2014 with a PCB detection of 0.19 ppb. At that time, the treatment system was shut down and reconfigured to set a lead 20 micron bag filter in front of the two carbon vessels and a lag 5 micron bag filter after the two carbon vessels. An effluent sample was collected on June 3rd 2014 and sent out to the laboratory for analysis. Results indicated detections for PCBs. At that point, Horizon was directed to mobilize a frac tank for batch discharge. Batch discharge of treated effluent was required until further notice to meet discharge criteria in accordance with the August 28, 2013, NYSDEC Memorandum of Understanding (MOU) for Generic Effluent Criteria for Groundwater Discharges which is provided in **Appendix D**. A sample was collected on June 5th, 2014 from the frac tank and sent to Test America for analysis. Results were non-detect for PCBs. From June 9th to August 20th, 2014, Horizon mobilized three additional frac tanks to increase storage capacity for treated effluent pond.

Due to the change in Site conditions as described in Section 4.9.1, the work at the Site was temporarily "shutdown". During this period Horizon was required to operate and maintain the water treatment system to keep the pond dewatered and to prevent the potential migration of PCB contaminated sediment over previously excavated areas. This was completed from August 30th through October 20th, 2014. Upon remobilization on October 21st, 2014, daily water treatment operation and maintenance resumed as previously described in this Section.

On November 3rd 2014 one of the four frac tanks was demobilized from the Site. This was determined based on discussions with Horizon and Shaw that the additional 20,000 gallons of storage volume was no longer required. Due to impending cold weather and consistent effluent analytical results that were below the MOU discharge limits, the remaining frac tanks were demobilized on November 25th, and 26th 2014. Discussions held with Horizon, NYSDEC and Shaw determined that treatment of water could be completed using only the bag filters, if proper sampling and turbidity measurements were maintained in accordance with the Contract Documents.

On December 3rd, 2014, a field order (FO), FO-6, was issued to allow dewatering operations to continue without the provisions of batch discharge and carbon treatment provided that the turbidity monitoring and effluent sampling was maintained in accordance with the Contract Documents. Water treatment analytical results are summarized on **Tables 2.1** through **2.4**.

4.5 Asbestos Abatement

From March 31st – April 31st, 2014 Horizon and subcontractor Stohl Remediation mobilized and completed the required asbestos abatement of the existing metering shed located in the southwest corner of the Site. Action Environmental (a third party subcontractor) was retained to perform visual inspection/monitoring of the asbestos removal. The abatement was completed in accordance with

Horizon's approved Asbestos Abatement Work Plan submittal which is provided in **Appendix B**. The scope of work included the following:

- Set up perimeter exclusion zone around abatement work area;
- Abate asbestos containing material (ACM) in accordance with Code Rule 56 requirements, technical specifications included in the Contract Documents and the Asbestos Abatement Work Plan;
- Provide third party monitoring of the abatement;
- Dispose of ACM in accordance with all local, state and federal requirements.

Approximately 10 cubic feet of ACM was abated and disposed of at an approved offsite disposal facility (Chaffee Landfill in Chaffee, NY). The area of concern was limited to the shingle roofing of the building. The asbestos waste manifest and third party visual sign off certification is provided in **Appendix E**.

4.6 Demolition of Structures

4.6.1 Pond Catwalk (Pier) Removal and Disposal

Horizon began demolition of the steel catwalk on May 19th, 2014. A Komatsu PC-360-LC Excavator was used to remove the 6" discharge pipe and valves. A cutting torch (oxy/acetylene torch) was used to cut the catwalk into manageable pieces. The demolished pier was staged at the north end of the Site. The steel catwalk was completely removed and staged for offsite disposal on May 20th, 2014. The concrete footings were temporarily left in place, and subsequently demolished and disposed of as described in Section 4.6.3.

On June 2nd, 2014, a 30 cubic yard roll off was delivered to the Site for the catwalk disposal. The steel from the catwalk was placed in the roll off and sent to O'Brocta Salvage located on 157 Willow Road in Dunkirk, NY.

4.6.2 Pond Utility Pipes

During the course of excavation, transportation and disposal of soil and sediment, underground pond utility piping was abandoned in accordance with the Contract Documents by excavating one foot below the bottom of the pipe, cutting the pipe flush with the remaining ground, and filling it with cement prior to backfill. The locations of the utility pipe inlet and outlets are shown on **Figure 2**. All utility lines were abandoned as outlined in the Contract Documents.

4.6.3 Concrete Pier Foundations and Concrete Outlet Structures

Two concrete outlet structures located in the northwest and southwest corners of the pond were sampled, demolished and removed in accordance with the Contract Documents. After being analyzed by Test America, the demolished concrete was re-sized and placed in the pond bottom prior to the commencement of backfill operations. Concrete sample analytical results are provided on **Table 3** and

full analytical data packages are provided in **Appendix F**.

4.6.4 Water Metering Shed

Following abatement of the roof shingle Asbestos Containing Materials, discussed in Section 4.5, the water metering shed was demolished, and removed from the Site in accordance with the Contract Documents.

4.7 Surveying and Field Engineering

Horizon utilized Wendel Engineering P.C., (Wendel) a New York State-registered professional surveyor to complete the survey activities at the site. The scope of work completed by the surveyor included the following:

- Establish and verify survey control points indicated on the Contract Drawings;
- Establish and stake out the Limits of Work, property lines, and the limits of each excavation area around the pond perimeter, along with any other items as directed by Shaw;
- Verify existing conditions as represented by the Contract Drawings and submit any discrepancies to the Shaw prior to construction of areas affected by discrepancies;
- Survey limits of excavated areas once during excavation activities to confirm compliance with the Construction Drawings and to establish vertical and horizontal excavation limits as constructed;
- Survey in all sample point locations for incorporation into final As Built drawings;
- Provide survey data (such as volumes) in support of measurement for payment;
- Survey final site conditions; and,
- Preparation of Record Drawings, stamped and signed by a NYS licensed land surveyor including Pre-Construction Conditions, As-Built Construction conditions and Final Construction Conditions, per the contract documents;

Wendel completed the scope work as summarized herein:

Horizon and subcontractor Wendel arrived at the Site on May 19th, 2015 to complete a survey of the existing site conditions. The survey included existing site conditions to establish a baseline of conditions prior to the work including all topography culverts, basins, utilities, roads, monitoring wells and structures.

Wendel returned to the Site on June 2nd, 2014 to conduct a topographic survey for computation of sediment volume. Based on the change in conditions discussed in Section 4.9.1, it was determined through discussions with Horizon, NYSDEC and Shaw that a sediment volume calculation was required to assess additional potential cost to complete the project. The estimated sediment volume was determined to be 12,082 cubic yards.

Following completion of excavation, transportation and disposal operations Wendel completed the required post excavation survey on December 9, 2014. The survey was completed to establish final

excavation grades and calculate quantities for final payment.

Prior to installation of backfill, Wendel staked out final subgrades on December 17, 2014 and January 05, 2015. Final grades for topsoil placement were surveyed on May 13th, and May 27th, 2015. As-Built documentation, (post excavation and final survey) is provided on **Figures 3** and **4**.

4.8 Community Air Monitoring Program (CAMP)

On June 10, 2014 a complaint was made to the NYSDEC from the Special Metals facility (located east of the pond) regarding the presence of strong "organic type" odors. Field screening using a photoionization detector (PID) was performed on the pond sediments and found no evidence of fugitive VOC's, although the pond sediments did emit a decaying organic smell that was noticeable. The decision was made to implement perimeter dust and downwind VOC monitoring on days that intrusive work took place. See **Appendix G** for CAMP analytical data.

4.9 Excavation Transportation and Disposal of Contaminated Material

4.9.1 Sediment Excavation and Removal

The Contract Documents provided a delineation of PCB contaminated sediments segregated as Hazardous (TSCA > 50 ppm) and Non-hazardous (<50 ppm); those documents are provided in **Appendix A**. The pond sediments were to be removed to bedrock. Horizon subsequently submitted an Operations Work Plan included in **Appendix B** to indicate their means and methods to complete the work.

On June 2nd, 2014, Horizon mobilized the Doosan DL 250 front end loader into the pond bottom to begin consolidating non-hazardous sediments for dewatering purposes. Hazardous and non-hazardous sediment areas were previously outlined in the Contract Documents (**Appendix A**). Horizon's Work Plan approach entailed consolidation and dewatering of the non-hazardous pond sediments within the footprint of the pond in lieu of removing the pond sediments and placing on sediment staging/dewatering pads outside of the pond constraints. The plan was made to minimize handling of pond sediments outside of the pond before transportation and disposal activities. The non-hazardous pond sediments were consolidated into two areas of the pond, one on the West side and one along the North side. These piles were located in these two areas so that the sediments could be loaded directly onto trucks from an excavator located at the top of the pond bank, eliminating the need to bring the transport trucks down into the pond floor. Photographs are provided in Daily Reports located in **Appendix H**.

On June 11, 2014 Horizon began loading non-hazardous pond sediments from the West pile directly onto trucks. The truck loading area was underlain by a geomembrane/plastic poly to prevent cross-contamination. The sediments were slated for disposal at the Hyland non-hazardous landfill located in Angelica, New York and Chaffee Landfill located in Chaffee, NY. Waste characterization samples of the waste stream were collected and analyzed to meet landfill requirements for disposal. After shipment of non-hazardous sediments to the Hyland and Chaffee landfill began, additional characterization sample

data revealed that the majority of the sediments located within the two stockpiles and remaining in place within the pond footprint contained PCB concentrations exceeding 50 parts per million (ppm) and were therefore required to be regulated under the Toxic Substance Control Act (TSCA) as a hazardous waste. Shipment of pond sediments to the Hyland facility ceased.

After consultation with NYSDEC, it was determined that additional quality control waste characterization sampling of the pond sediments was necessary prior to making the determination that all sediments were TSCA hazardous material. Sample locations at or near waste characterization sample locations collected by Horizon that showed elevated PCB concentrations were selected as QA/QC waste characterization resample locations. The sampling was performed on June 27, 2014 by Shaw and split QA/QC samples were sent to Phoenix Environmental (Phoenix) and Chemtech Laboratories (Chemtech) under a NYSDEC "Call-out" Contract. The results of the additional testing are provided on **Table 4** and full analytical data packages are provided in **Appendix I**.

Based on the elevated analytical results, the remaining sediments were re-classified as hazardous (TSCA) sediments, requiring disposal at Chemical Waste Management's (CWM) facility located at the Model City Landfill in Buffalo, New York (Model City). Waste characterization data is provided in **Appendix I.** Waste characterization sample locations are provided on **Figure 5.**

On July 1, 2014 Horizon started shipment of the re-classified pond sediments to Model City. On July 3, 2014 five (5) trucks that were loaded the previous day (July 2nd, 2014) were returned to the site full. The trucks were rejected at the landfill due to wetness/stability issues. A meeting was held with Waste Management at the Site to inspect the sediments and it was determined that material from the north pile was suitable for transportation and disposal. However, on July 14, 2014 three trucks were again rejected and returned full to the Site due to failing a compressive strength test. Compressive strength information provided by the landfill is included in **Appendix J**. Based on discussions with Horizon, NYSDEC and Shaw, it was determined that a bench scale solidification study should be completed at the Site with Portland cement to determine the required cement ratio to meet landfill compressive strength requirements. The bench scale study was completed on July 15th, 2014 and samples were generated by mixing 20%, 30% and 50% Portland cement by volume with the sediment. The results of the study concluded that a 20 – 30% mixture of Portland cement to the sediment would be sufficient to meet the required landfill requirements. Sediment samples were sent to the landfill with this ratio to confirm that the material would be acceptable for disposal. On July 21st 2014, the landfill had confirmed that a 25% Portland cement ratio would be acceptable for amending/solidifying the sediments, and Horizon was directed to proceed with operations under FO-2 provided in **Appendix K**.

Additionally, as directed under FO-3, remaining contaminated upland and side bank soils were evaluated for use as a stabilization amendment for the sediments. It was determined that mixing the pond sediments with the remaining onsite contaminated soils at a ratio of 50% would also meet landfill disposal criteria. A cost benefit analysis was completed and it was determined that this mixture was cost beneficial to total project cost. Portland cement in 1000 kg "super sacks" were delivered to the site and solidification of the sediments in the West pile took place. The remaining bank soils and upland

excavation soils from the east end were mixed with the pond sediment from the North pile. Transportation and disposal of amended sediments resumed to Model City on July 22, 2014 and continued until August 20th, 2014.

Due to the total project cost increase resulting from the reclassification of sediments from non-hazardous to TSCA hazardous and the required landfill sediment stabilization amendment, it was determined through discussions with Horizon, Shaw and the NYSDEC that the project would be temporarily shut down until a Change Order (CO) could be processed and approved by the State Comptroller's office. Further documentation regarding the change in conditions is included in Proposed Change Order (PCO) #2 and CO-1 provided in **Appendix L.**

On October 27th, 2014 Horizon continued transportation and disposal operations of hazardous amended sediments from the north and west stockpiles to Model City Landfill. Transportation of the material was completed by Page Trucking. On December 3rd, Horizon completed excavation and load out of sediment. A waste material tracking sheet is provided on **Table 5**. Waste disposal manifests are provided in **Appendix M**.

4.9.2 Upland (Spot) Excavation and Removal

On May 21, 2014 Horizon began removing non-hazardous upland soils from the two (2) delineated "spot" excavation areas located to the east and southeast of the pond, see **Figure 3**. The PCB contaminated soils were removed to the depths and horizontal extents indicated on the Contract Drawings. The soils were staged along the eastern pond bank for use as a drying agent for the non-hazardous contaminated sediments.

Two bottom confirmation samples were collected on June 17th, 2015 and eight (8) sidewall confirmation samples were collected on June 19th and sent to the Test America laboratory to be analyzed for the constituents required in the Contract Documents. Based on elevated results from the two samples collected on June 17th, confirmation samples AS-CONF-005 and AS-CONF-006 were sent out for analysis as split samples to Test America and ALS laboratories for quality control purposes. Results from both laboratories indicated PCB concentrations greater than 50 ppm. On June 25, 2014, (FO-1) which re-delineated the horizontal and vertical extents and reclassified the upland soil excavation boundaries as hazardous (TSCA) and non-hazardous. Project field orders are provided in **Appendix K**. The re-delineated areas are provided on a figure included in FO-1.

On July 9th, 2014 Horizon began excavation of the southern upland area as directed in FO-1. During the excavation Horizon uncovered a two-inch diameter HDPE gas line. It was determined through contacts with the local utility company that a private gas company, Cotton Well Drilling (Cotton) owned the line. Horizon agreed with Cotton that the line could be temporarily taken out of service until the excavation work was completed. Upon completion of the work, Cotton stated that they would replace the section of the line removed from service. The line was decommissioned on July 10th, 2014.

On July 11, 2014, Horizon advanced the TSCA upland excavation areas to the vertical and horizontal extents indicated in FO-1 and placed the material into the pond to be used as a stabilization amendment for the pond sediments. Confirmation samples were collected according to the Contract documents and the results summarized in **Tables 6.1** through **6.5** and full analytical data packages are provided in **Appendix N**. Confirmatory sample locations are provided on **Figure 3**.

On July, 31, 2014, Horizon excavated an additional 10 foot by 10 foot grid, one foot deep along the north upland excavation area because a confirmation sample indicated an elevated PCB detection. Continued excavation in the northern upland area immediately above a former drainage inlet pipe to the pond revealed a non-native discolored layer of material which had a strong chemical odor. A sample of the material was collected (AS-CONF-14-EF) and sent for analysis to Test America on August 14, 2014. Results indicated elevated PCB concentrations (1,500 ppm). The area is shown on **Figure 3**.

Based on elevated confirmatory sample results, FO-4 was generated to direct Horizon to excavate three test pits to the north of the re-delineated upland excavation area in an attempt to define the northern boundary of PCB impacts. Composite confirmation samples were collected along the north face of each test pit. Horizon continued to excavate additional soil from the south upland area and placed the material in the North staging pile for use as a sediment stabilization amendment. This work continued until the temporary contract "shutdown" as previously discussed in Section 4.9.1. Analytical results are provided on **Tables 6.1** through **6.5** and full data packages are provided in **Appendix N**.

On October 22nd 2014 Horizon resumed upland excavation operations as detailed in FO-5. This FO was provided to Horizon due to the large number of confirmation sample RSCO exceedances. FO-5 directed Horizon to horizontally extend upland excavation areas an additional 15 feet where sidewall confirmation sample results exhibited an RSCO exceedance. The depth of excavation was directed to match existing excavation depths. On October 27th, 2014 Horizon excavated the "hot spot" area with discolored material to the top of the former drainage inlet to the pond. The former utility line was removed approximately 10 feet where the pipe entered the pond. Bottom confirmatory samples were collected at a frequency of 1 sample per every 625 square feet and side wall samples were collected at a frequency of 1 sample per every 30 linear feet as outlined in the Contract Documents. Samples were sent to Test America Labs for analysis of VOCs, SVOCs, PCBs and Metals.

4.9.3 Pond Side Bank Excavation and Removal

On August 6th 2014, Horizon began excavation of the north side bank. Due to change in conditions discussed in Section 4.9.1, the material was placed in the North staging pile for use as a sediment stabilization amendment. Excavation, transportation and disposal of material was temporarily "shutdown" on August 20th due to the change in conditions resulting from the sediment reclassification and landfill sediment stabilization amendment as discussed in Section 4.9.1. Bottom confirmation samples were collected along the side banks at a frequency of one sample per every 625 square feet of excavation area. Composite confirmation bottom samples AS-CONF-14-0054 through AS-CONF-14-0095 were collected from August 26th through August 29th, 2014 and sent to Test America Labs for

analysis of VOCs, SVOCs, PCBs and Metals. Quality Control samples including duplicate, matrix spike and matrix spike duplicates were collected at a frequency on one per 20 confirmation samples as outlined in the Contract Documents and Horizons Sampling and Analysis Plan included in **Appendix B**. Confirmatory sample results are summarized in **Tables 6.1** through **6.5** and full analytical data packages are provided in **Appendix N**. The locations of the samples collected are illustrated on **Figure 3**.

Following the temporary contract "shutdown", Horizon remobilized and resumed excavation, transportation and disposal operations on October 22nd, 2014. Non-hazardous sidebank soil excavation activities were completed through October 24th, 2015. Non-hazardous soils were transported by Riccelli Trucking to Chaffee Landfill. Waste manifests are provided in **Appendix E** and a complete waste material tracking sheet is provided in **Table 5**. Waste manifests are provided in **Appendix M**.

4.9.4 Slag Berm Excavation and Removal

The Contract Documents required the removal and disposal of an existing slag berm located around the perimeter of the pond. On June 17, 2015, Horizon began removal of this berm to a staging area located to the north of the pond. Prior to staging the slag material, a pre-construction sample was collected for analysis by Test America. The sample was analyzed for TCLP VOCs, TCLP SVOCs, TCLP Organic Pesticides, PCBs, TCLP Metals, and TCLP Mercury. The excavation of the slag berm continued through June 19th, 2014. Horizon collected a waste characterization sample and sent to Test America for analysis of constituents required by the landfill and Contract Documents. The results are provided on **Tables 7.1** through **7.3** and indicated the slag berm could be managed and disposed of as non-hazardous material. The slag berm in its entirety was removed and disposed of offsite in accordance with the Contract Documents. Complete analytical data packages are provided in **Appendix O**.

4.9.5 Bedrock Excavation and Removal

The Contract Documents required the collection of respective bedrock samples from impacted pond areas delineated during the SC. Fragmented shale bedrock was scraped at various depths along the pond bottom using an excavator and front end loader until competent bedrock was reached. The material was staged and loaded out with the hazardous sediments. Three bedrock confirmatory samples were collected on November 07th, 2014 in accordance with the Contract Documents. The results are summarized on **Tables 6.1** through **6.5**. Complete analytical data packages are provided in **Appendix N**.

4.10 Decontamination

On July 11th, 2014 Horizon began installation of an equipment decontamination pad immediately south of the southwest corner of the pond. Prior to installing the decontamination pad, a pre-construction soil sample was collected from within the proposed footprint of the decontamination pad and sent for analysis by Test America. The sample was analyzed for TCLP VOCs, TCLP SVOCs, TCLP Organic Pesticides, PCBs, TCLP Metals, and TCLP Mercury. The results are provided in **Appendix P**.

On August 19th, 2014, Horizon began gross decontamination of the Doosan front end loader within in the pond. This method and location was deemed acceptable given that all pond water drained to a sump at the

southwest corner of the pond and all water was treated through the treatment system described in Section 4.4.

On August 21st, 2014, the Komatsu PC360 excavator and Doosan DL250 font end loader were decontaminated in accordance with the Contract Specifications using a decontamination product called CAPSUR®. Rinsate was collected in 55 gallon drums. The equipment was decontaminated in preparation for the contract "shutdown" period.

Additional equipment decontamination was completed following final excavation and load out operations, on December 4th, 2014. Wipe samples were collected from the excavation equipment following the required decontamination procedure with the CAPSUR® product. All decontamination rinsate water was collected from the decontamination pad and transferred to 55 gallon drums for storage and waste profiling. The profiled waste water was subsequently transported by Environmental Service Group, Inc. to American Recyclers Inc. located on 177 Wales Ave, Tonawanda, NY. Analytical results are provided in **Table 8** and **Appendix I**. Wipe sample analytical results are summarized in **Table 6.3.2** and full analytical data packages are provided in **Appendix Q**.

4.11 Utility Markout (GPR Survey)

A ground penetrating radar (GPR) survey was completed by New York Leak Detection on January 29th, 2015 to markout utilities that may be encountered during the installation of the pond outlet pipe, discussed in Section 4.12. The results of the survey are provided in **Appendix R**.

4.12 Outlet Pipe Installation

On February 3rd, 2015, Horizon mobilized an excavator with a bucket and ram hoe to demolish the concrete structure located at southwest corner of the pond where the proposed outlet pipe was to be installed. One hundred and twenty feet of outlet pipe was installed from the southeast corner of the pond to Willowbrook creek between February 4th and 6th, 2014. The pipe was a 12-inch diameter, corrugated, high density polyethylene (HDPE) material, sloped to drain at approximately 0.5%. During the installation a 2" diameter HDPE de-energized gas line was encountered and broken. The line was not marked out near the location shown during the GPR survey which is discussed in Section 4.1. The line was repaired by Cottons Well Drilling on February 6th, 2015.

Following installation of the pipe, HDPE flared ends were placed on both the pipe inlet/outlet, riprap protection was placed at the outlet to prevent erosion into Willowbrook Creek and a welded wire grate was placed over both pipe ends to prevent pipe clogging. Hay bales were placed at the pipe entrance to prevent siltation in the pipe. The installation location of the pipe is provided on **Figure 4**.

4.13 Backfill and Grading

The Contract Documents required complete backfill of the former pond to the pre-construction perimeter grades with clean imported material. Based on the change in conditions previously discussed in Section

4.9.1, and in an effort to minimize total project cost, it was determined that the pond would be backfilled only to a level necessary to provide adequate drainage to the outlet pipe proposed at the southwest corner of the pond (discussed in Section 4.12).

On November 5th, 2014 backfill samples (three 5 gallon pails) were collected from the proposed Pomfret source located on 9654 Chautauqua Road, Fredonia, NY and sent to Baron Associates and Buffalo Drilling Company located in Clarence, NY for geotechnical property testing.

On November 7th, 2014 backfill samples (three 5 gallon pails) were collected from the proposed Olsen source located on 2800 New York route 39, Forestville, NY and sent to Baron Associates P.C. and Buffalo Drilling Company for geotechnical property testing. Backfill geotechnical test results are provided in **Appendix S**.

On December 3rd, 2014 FO-7 was issued to reduce the frequency of backfill sampling to the following:

- 0-1000 yards collect - 4 samples (1 per 250 cubic yards)
- 1000-5000 yards collect - 4 additional samples (1 per 1000 cubic yards)
- Per each additional 5000 yards collect 1 sample (5000-10000 cubic yards collect 1 sample), (10,000-15,000 cubic yards collect 1 sample), (15,000-20,000 cubic yards collect 1 sample) (20,000 – 25,000 cubic yards collect 1 sample), etc.

This direction was provided to Horizon based on initial backfill sample analytical results, summarized on **Tables 9.1** through **9.6** and to reduce total project cost. Full analytical data packages are provided in **Appendix T**. FO-8 was issued on December 18th, 2014 to waive backfill compaction testing to reduce total project time for backfill installation. Compaction criteria, including depths of placed material and compaction equipment was maintained in accordance with the Contract Documents.

On December 8, 2014 Horizon began importing backfill operation from the Olsen gravel pit. The Pomfret source was additionally used as needed to expedite backfilling operations. Due to wet conditions, a street sweeper was mobilized to the Site on December 10th, 2014 to clean Willowbrook Avenue as necessary. These operations continued throughout the entire backfilling process as needed.

Backfill and grading operations stopped on January 7th, 2015 due to inclimate weather conditions. It was determined through correspondence with Horizon, NYSDEC and Shaw that backfill and grading would be shut down (winter shutdown) until spring.

Backfill and grading operations resumed on May 5th, 2015. On May 7th, 2015, Horizon collected topsoil samples from the Olsen Pit for laboratory analysis by Test America. Backfill and grading operations were completed in accordance with the modified documents included in PCO-2 on May 29th, which is located in **Appendix L**.

Backfill was installed and graded at a 1% slope to drain along the pond floor from the northeast corner to the

southwest corner of the pond. Approximately 4 feet of backfill was placed above the bedrock/pond floor. The former pond sidebanks were backfilled and graded at an approximate 2:1 slope around the entire perimeter to the backfilled pond floor. A total of 22,278 cubic yards were imported and compacted in place during backfill operations. Final grades are provided on **Figure 4**. Approximately four inches of topsoil was placed over the pond floor subgrade and sidebanks between June 3rd and June 5th, 2015 in preparation for hydroseeding.

4.14 Site Restoration

Following the final placement of topsoil on June 5th, 2015 the Site was prepared for hydroseeding. Horizon and St. George Contracting installed the specified hydroseed mix on June 26th, 2015. The former pond bottom, sidebanks and disturbed areas around the perimeter of the pond were seeded. The original scope of work included in the Contract Documents specified a general seed mix that was later modified when it was determined the pond would not be completely backfilled. Backfill and grading operations are discussed in Section 4.13. To accommodate for greater slopes along the sidebanks the following mix was specified and installed:

Common Name	Variety	% of Mix	App. rate /acre
Tall Fescue	KY-31	36	70.6 lb.
Orchard Grass	Pennlate	15	29.4 lb.
Creeping red fescue	Ensylva	20	39.2 lb.
Perrenial ryegrass	Polly	25	49 lb.
Birds-foot trefoil*	Viking	4	7.8 lb

4.15 Monitoring Well Decommissioning

On July 16th 2015, Horizon abandoned/decommissioned three (3) monitoring wells in accordance with the NYSDEC CP- 43 Groundwater Monitoring Well Decommissioning Policy (November 2009). Horizon removed the steel protective cover and tremie grouted a bentonite-cement mix into each well using a pump and a 1" hose. The grout was given time to harden. Upon completion of the grouting, each well was excavated and cut off at five (5) feet below ground surface.

4.16 Substantial Completion

On June 3rd, 2015 Horizon submitted a letter requesting project substantial completion with a requisition date of June 5th, 2015. On June 8th, 2015 Shaw responded with a letter and time schedule for Site inspection. A Site inspection meeting was held on June 16th, 2015 with Horizon, NYSDEC and Shaw to discuss outstanding project tasks and project substantial completion. The inspection was completed and list of outstanding items was generated by Shaw. Substantial completion was granted as of June 5th, 2015. Substantial completion correspondence is included in **Appendix U**.

4.17 Pre/Post-Construction Sampling

Pre-Construction samples were collected as described in Sections 4.4, 4.9.4, 4.10, and 4.13. Post-Construction samples were collected by Horizon on May 29th, 2015 from the decontamination pad, waste water treatment, and slag pile locations and sent to Test America for analysis of PCBs, Metals, SVOCs and VOCs. The laboratory analytical results are included on **Tables 10.1** through **10.3** and **Appendix P**. Sample locations are provided on **Figure 3**.

4.18 Demobilization and Final Completion

On August 12th and September 3rd, 2015 Shaw returned to the site to evaluate the establishment of a vegetated cover, conduct a final inspection and review the substantial completion items list completed as part of the substantial completion inspection performed on June 16th, 2015.

Throughout the course of the project and prior to final completion the following demobilization scope of work was completed in accordance with the Contract Documents:

- Remove temporary site controls and safety measures;
- Equipment and temporary facilities removal;
- Remove all project related signage;
- Remove any remaining temporary erosion and sediment control measures (i.e. silt fence, haybales, etc.);
- Clean/decontaminate all construction-related equipment at the site;
- Remove and dispose of decon pads and waste staging materials;

5.0 Project Summary

5.1 Excavation, Transportation, and Disposal

During excavation transportation and disposal operations:

- A total of 2,922 tons of Portland cement amendment was blended with sediments for offsite disposal.

- A total of 20,547.64 tons of hazardous material (including Portland cement) was removed from Willowbrook Pond for disposal.

- A total of 1,761.91 tons of non-hazardous material was removed from Willowbrook Pond for disposal.

- A total of 22,309.55 tons of material was removed for offsite disposal.

5.2 Sampling

5.2.1 Solid Sampling

- Five pre-characterization samples were collected and analyzed for VOCs, SVOCs, PCBs, Metals, Organic Pesticides, and Mercury. All analytical methods (excluding 8082A for PCBs) used TCLP extraction (in addition to other contaminant specific modes of extraction) to characterize the samples.

- 28 Waste characterization samples were collected for analysis of VOCs, SVOCs, Organic Pesticides, PCBs, and Metals beginning on May 24, 2014 and ending on June 24, 2014. An additional ten QA/QC waste characterization samples were sent to both Chemtech Consulting Group and Phoenix Environmental Laboratories for PCB analysis only on June 27, 2014. One additional duplicate sample from Phoenix only is included in the analytical results.

- A total of 175 confirmatory samples (including re-samples and split-samples) were collected and analyzed. The confirmatory samples were analyzed for VOC, SVOC, PCB, Metal, and Mercury concentrations (with the exception of AS-CONF-14-0032 through AS-CONF-14-0053 that were run only for PCBs). Within the confirmatory samples, AS-CONF-005A, AS-CONF-005B, and AS-CONF-006R were split sampled for analysis by both Test America and ALS Environmental laboratories to assess the accuracy of the elevated PCB concentrations. In addition to the split samples, a total of 21 re-samples were also taken on July 31, 2014, October 28, 2014, October 29, 2014, and November 6, 2014. These re-samples were taken due to elevated concentrations in the original lab results from Test America (particularly when tested for PCBs, Metals, and SVOCs).

- Two composite concrete samples, one from the concrete piers on the West end of the pond bed and the other from the outlets at the Northwest and Southwest pond corners were analyzed for VOC, SVOC, PCB, Metal, and Mercury.

- 22 samples were collected from imported backfill and analyzed for SVOCs, VOCs, PCBs, Metals, Organic Pesticides, and Mercury.

- Three post-construction samples were collected and analyzed for VOCs, SVOCs, PCBs, Metals, and Mercury. Samples were collected from the former decontamination pad area, pump/bag filter area, and slag pile area.

5.2.2 Water Sampling

- Seven samples were collected for laboratory analysis from the Altech Pond and analyzed for VOCs, SVOCs, PCBs, Metals, Mercury, and Oil & Grease.

- A total of 77 effluent waste water treatment samples were collected and analyzed for VOCs, SVOCs, PCBs, Metals, and Mercury.

- One waste characterization sample was collected and analyzed for VOCs, SVOCs, PCBs, Metals, Mercury, Ignitability, and pH for waste profiling.

5.2.3 Wipe Sampling

- Thirteen confirmatory wipe samples were taken from the two excavators and loader after decontamination and analyzed for PCBs.

5.3 Backfill

- From December 8th, 2014 to June 5th, 2015, a total of 22,278 cubic yards of soil were imported and compacted in place during backfill operations.

- See Section 4.13 for more information on backfill.

Table 1
Altech Pond Sampling Analytical Results
Altech Specialty Steel
Dunkirk, NY

Site ID	WP-WATER-011614-01	WP-WATER-011614-02	WP-WATER-011614-03	AS21114-01	AS21214-1	AS 04-14-1	AS 04-1514-1	AS 04 16 14	AS042401	AS043114-01
Field Sample ID	WP-WATER-011614-01	WP-WATER-011614-02	WP-WATER-011614-03	AS21114-01	AS21214-1	AS 04-14-1	AS 04-1514-1	AS 04 16 14	AS042401	AS043114-01
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	1/16/2014	1/16/2014	1/16/2014	2/11/2014	2/12/2014	4/14/2014	4/15/2014	4/16/2014	4/24/2014	4/30/2014
Analysis Type	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	0.019 J	0.023 J	0.015 J	0.065 J	<0.20	0.066 J	0.067 J	0.072 J	0.28	<0.20
Barium	0.011 J	0.023 J	0.02 J	0.065	0.079	0.021	0.019	0.022	1.3	0.027
Calcium	16	29	26	42.9 B	55.3 B	27.0	24.8	26.7	381	27.7
Chromium	0.0028 J	0.0011 J	0.0037 J	<0.0040	0.0014 J	0.0045	0.0041	0.0053	0.0025 J	0.0039 J
Cobalt	<0.05	<0.05	<0.05	0.0010 J	0.00067 J	0.00074 J	<0.00063	0.0013 J	<0.0040	<0.0040
Copper	<0.025	<0.025	<0.025	0.015	<0.010	0.014	0.012	0.018	0.0060 J	0.0087 J
Iron	0.051 J	0.052 J	0.058 J	0.57	0.45	0.11	0.10	0.20	0.57	0.086 B
Magnesium	5.1	12	9.8	13.4	16.8	9.0	8.3	9.1	0.12 J	9.8
Manganese	0.016	0.010 J	0.031	0.76	0.52	0.027	0.023	0.054	0.99	0.032 B
Nickel	0.062	0.13	0.11	0.12	0.13	0.19	0.18	0.21	0.0021 J	0.18
Potassium	4.8 J	4.4 J	3.8 J	1.9	2.1	2.2	2.4	2.3	20.5	1.9
Sodium	16	37	29	38.3	41.5	60.3	55.9	59.2	124	41.8
Vanadium	<0.050	<0.050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0018 J	<0.0050
Zinc	<0.0025	<0.0025	0.0026 J	0.0057 J	0.0024 J	0.015	0.015	0.025	0.0055 J B	0.016

Site ID	WP-WATER-011614-01	WP-WATER-011614-02	WP-WATER-011614-03	AS21114-01	AS21214-1	AS 04-14-1	AS 04-1514-1	AS 04 16 14	AS042401	AS043114-01
Field Sample ID	WP-WATER-011614-01	WP-WATER-011614-02	WP-WATER-011614-03	AS21114-01	AS21214-1	AS 04-14-1	AS 04-1514-1	AS 04 16 14	AS042401	AS043114-01
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	1/16/2014	1/16/2014	1/16/2014	2/11/2014	2/12/2014	4/14/2014	4/15/2014	4/16/2014	4/24/2014	4/30/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.41	<0.41	<0.42	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1221	<0.41	<0.41	<0.42	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1232	<0.41	<0.41	<0.42	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1242	<0.41	<0.41	<0.42	0.089	0.099	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1248	<0.41	<0.41	<0.42	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1254	<0.41	<0.41	<0.42	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1260	<0.41	<0.41	<0.42	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1262	NA	NA	NA	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCB-1268	NA	NA	NA	<0.062	<0.057	<0.068	<0.068	<0.066	<0.061	<0.057
PCBs, Total	NA	NA	NA	0.089	0.099	<0.068	<0.068	<0.066	<0.061	<0.057

Site ID	AS043114-01
Field Sample ID	AS043114-01
Sample Matrix	Water
Sample Type	SVOCs
Sample Date	4/30/2014
Analysis Method	8270D
Analyte (µg/L)	Primary
Benzaldehyde	0.40 J

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample. NA - Not Applicable

PCB exceedances shaded grey.

For full data please see analytical data packages. Only samples with detections are included in the table above.

All VOC, Mercury, and Oil & Grease samples were non-detect.

Table 2.1
Waste Water Treatment Plant Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0005	AS-WTPE-14-0008	AS-WTPE-14-0010	AS-WTPE-14-0011	AS-WTPE-14-0012	AS-WTPE-14-0013
Field Sample ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0005	AS-WTPE-14-0008	AS-WTPE-14-0010	AS-WTPE-14-0011	AS-WTPE-14-0012	AS-WTPE-14-0013
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	5/22/2014	5/23/2014	5/30/2014	6/3/2014	6/13/2014	6/16/2014	6/17/2014	6/17/2014	6/18/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Acetone	3.2 J	7.0 J	6.5 J	3.9 J	<10	4.4 J	3.6 J	4.4 J*	<10
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	4.3	3.8
Dibromochloromethane	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	<1.0	<1.0	<1.0	3.9	<1.0	<1.0	47	40
Styrene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Site ID	AS-EWPT-14-0012	AS-EWPT-14-0013	AS-EWPT-14-0014	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017	AS-EWPT-14-0018	AS-EWPT-14-0019	AS-EWPT-14-0020
Field Sample ID	AS-EWPT-14-0012	AS-EWPT-14-0013	AS-EWPT-14-0014	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017	AS-EWPT-14-0018	AS-EWPT-14-0019	AS-EWPT-14-0020
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	6/23/2014	6/24/2014	6/30/2014	7/1/2014	7/1/2014	7/1/2014	7/2/2014	7/2/2014	7/7/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Acetone	3.0	<10	4.7 J	3.5 J	<10	<10	<10	<10	3.4 J*
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	0.46 J	<1.0	<1.0	0.47 J	0.53 J	0.42 J	0.61 J	0.37 J
Styrene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Site ID	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0025	AS-EWPT-14-0026	AS-EWPT-14-0027	AS-EWPT-14-0028	AS-EWPT-14-0029
Field Sample ID	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0025	AS-EWPT-14-0026	AS-EWPT-14-0027	AS-EWPT-14-0028	AS-EWPT-14-0029
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	7/8/2014	7/8/2014	7/8/2014	7/9/2014	7/10/2014	7/14/2014	7/14/2014	7/14/2014	7/14/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Acetone	4.0 J*	4.9 J*	4.1 J*	<10	<10	<10	<10	<10	<10
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	1.5	1.5	1.4
Chloroform	<1.0	<1.0	<1.0	0.40 J	0.41 J	1.8	1.7	1.6	1.5
Styrene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 2.1, Page 2
Waste Water Treatment Plant Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0034	AS-WTPE-14-0037	AS-WTPE-14-0042	AS-WTPE-14-0043	AS-WTPE-14-0048
Field Sample ID	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0034	AS-WTPE-14-0037	AS-WTPE-14-0042	AS-WTPE-14-0043	AS-WTPE-14-0048
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	7/15/2014	7/15/2014	7/22/2014	7/22/2014	7/23/2014	7/23/2014	7/29/2014	7/29/2014	8/1/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Acetone	<10	<10	<10	<10	<10	<10	<10	<10	3.3 J
Bromodichloromethane	1.0	0.91 J	3.5	3.8	2.8	1.9	<1.0	<1.0	<1.0
Dibromochloromethane	0.60 J	0.56 J	1.9	1.9	0.86 J	0.59 J	<1.0	<1.0	<1.0
Chloroform	1.7	1.6	6.7	8.0	6.0	4.2	<1.0	<1.0	<1.0
Styrene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.81 J	0.88 J	<1.0

Site ID	AS-WTPE-14-0050	AS-WTPE-14-0051	AS-WTPE-14-0056	AS-WTPE-14-0057
Field Sample ID	AS-WTPE-14-0050	AS-WTPE-14-0051	AS-WTPE-14-0056	AS-WTPE-14-0057
Sample Matrix	Water	Water	Water	Water
Sample Type	VOCs	VOCs	VOCs	VOCs
Sample Date	8/4/2014	8/4/2014	8/12/2014	8/12/2014
Analysis Method	8260C	8260C	8260C	8260C
Analyte (µg/L)	Primary	Primary	Primary	Primary
Acetone	3.3 J	3.7 J	3.8 J	3.3 J
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	<1.0	<1.0	<1.0
Styrene	<1.0	<1.0	<1.0	<1.0

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

* - LCS, LCSD, or ISTD response or retention time is outside acceptable limits

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 2.2
Waste Water Treatment Plant Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0007	AS-WTPE-14-0008	AS-WTPE-14-0009	AS-WTPE-14-0011	AS-WTPE-14-0013	AS-EWPT-14-0014
Field Sample ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0007	AS-WTPE-14-0008	AS-WTPE-14-0009	AS-WTPE-14-0011	AS-WTPE-14-0013	AS-EWPT-14-0014
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	5/22/2014	5/23/2014	5/30/2014	6/10/2014	6/13/2014	6/13/2014	6/17/2014	6/18/2014	6/30/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
2,4-Dimethylphenol	<93	<4.8	<4.8	<5.1	9.8	9.3	<4.6	<5.0	<5.1
2-Methylnaphthalene	32 J	<4.8	<4.8	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1
4-Methylphenol	<190	1.6 J B*	0.60 J B*	2.3 J*	<9.9	<9.5	<9.2	<10	<10
Acenaphthylene	<93	<4.8	<4.8	<5.1	0.39 J	<4.7	<4.6	<5.0	<5.1
Anthracene	<93	<4.8	<4.8	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1
Benzaldehyde	<93	0.31 J B	0.40 J	0.73 J B	0.43 J B	0.45 J B	<4.6	0.59 J	0.35 J B
Benzo(b)fluoranthene	<93	<4.8	<4.8	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1
Benzo(g,h,i)perylene	<93	<4.8	<4.8	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1
Bis(2-chloroethox) methane	<93	<4.8	<4.8	<5.1	0.61 J	<4.7	<4.6	<5.0	<5.1
Bis(2-ethylhexyl) phthalate	<93	<4.8	2.0 J	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1
Diethyl phthalate	<93	<4.8	<4.8	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1
Di-n-butyl phthalate	<93	<4.8	<4.8	0.34 J	<4.9	<4.7	<4.6	<5.0	<5.1
Fluorene	<93	<4.8	<4.8	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1
Phenanthrene	<93	<4.8	<4.8	1.6 J B	<4.9	0.48 J	0.45 J	<5.0	<5.1
Pyrene	6.4 J	<4.8	<4.8	<5.1	<4.9	<4.7	<4.6	<5.0	<5.1

Site ID	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017	AS-EWPT-14-0020	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0026
Field Sample ID	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017	AS-EWPT-14-0020	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0026
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	7/1/2014	7/1/2014	7/1/2014	7/7/2014	7/8/2014	7/8/2014	7/8/2014	7/9/2014	7/14/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
2,4-Dimethylphenol	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
2-Methylnaphthalene	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
4-Methylphenol	<9.8	<11	<13	<10	<10	<9.9	<9.8	<10	<9.8
Acenaphthylene	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
Anthracene	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	0.34 J
Benzaldehyde	0.39 J B	0.55 J B	0.48 J B	0.34 J B	0.31 J B	0.37 J B	0.31 J B	0.34 J B	0.27 J B
Benzo(b)fluoranthene	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
Benzo(g,h,i)perylene	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
Bis(2-chloroethox) methane	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
Bis(2-ethylhexyl) phthalate	<4.9	<5.3	<6.6	3.0 J	<5.0	<5.0	<4.9	<5.0	<4.9
Diethyl phthalate	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
Di-n-butyl phthalate	<4.9	<5.3	<6.6	0.36 J	<5.0	0.33 J	0.30 J	<5.0	<4.9
Fluorene	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9
Phenanthrene	<4.9	<5.3	<6.6	0.81 J	0.63 J	0.85 J	0.86 J	<5.0	<4.9
Pyrene	<4.9	<5.3	<6.6	<5.2	<5.0	<5.0	<4.9	<5.0	<4.9

Table 2.2, Page 2
Waste Water Treatment Plant Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-EWPT-14-0027	AS-EWPT-14-0028	AS-EWPT-14-0029	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0037	AS-WTPE-14-0038
Field Sample ID	AS-EWPT-14-0027	AS-EWPT-14-0028	AS-EWPT-14-0029	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0037	AS-WTPE-14-0038
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	7/14/2014	7/14/2014	7/14/2014	7/15/2014	7/15/2014	7/22/2014	7/22/2014	7/23/2014	7/28/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
2,4-Dimethylphenol	<5.4	<4.9	<5.0	<2.0	<2.0	<10	<9.5	<9.5	<10
2-Methylnaphthalene	<5.4	<4.9	<5.0	<0.20	<0.20	<10	<9.5	<9.5	<10
4-Methylphenol	<11	<9.8	<10	<2.0	<2.0	<10	<9.5	<9.5	<10
Acenaphthylene	<5.4	<4.9	<5.0	<0.20	<0.20	<10	<9.5	<9.5	<10
Anthracene	<5.4	<4.9	<5.0	<0.20	<0.20	<10	<9.5	<9.5	<10
Benzaldehyde	0.32 J B	0.26 J B	0.28 J B	<1.0	<1.0	<10	<9.5	<9.5	<10
Benzo(b)fluoranthene	<5.4	<4.9	<5.0	<1.0	<1.0	<10	<9.5	<9.5	3.4 J
Benzo(g,h,i)perylene	<5.4	<4.9	<5.0	<1.0	<1.0	<10	<9.5	<9.5	4.0 J
Bis(2-chloroethox) methane	<5.4	<4.9	<5.0	<1.0	<1.0	<10 *	<9.5 *	<9.5 *	<10
Bis(2-ethylhexyl) phthalate	<5.4	<4.9	<5.0	3.1	1.9 J	6.6 J	2.8 J	160	<10
Diethyl phthalate	<5.4	<4.9	<5.0	0.29 J	0.33 J	<10	<9.5	<9.5	<10
Di-n-butyl phthalate	<5.4	<4.9	<5.0	2.2 B	2.3 B	<10	<9.5	<9.5	<10
Fluorene	<5.4	<4.9	<5.0	<1.0	<1.0	<10	<9.5	<9.5	<10
Phenanthrene	<5.4	<4.9	<5.0	0.51	0.55	<10	<9.5	<9.5	<10
Pyrene	<5.4	<4.9	<5.0	<0.20	<0.20	<10	<9.5	<9.5	<10

Site ID	AS-WTPE-14-0039	AS-WTPE-14-0041	AS-WTPE-14-0047	AS-WTPE-14-0048	AS-WTPE-14-0049	AS-WTPE-14-0053
Field Sample ID	AS-WTPE-14-0039	AS-WTPE-14-0041	AS-WTPE-14-0047	AS-WTPE-14-0048	AS-WTPE-14-0049	AS-WTPE-14-0053
Sample Matrix	Water	Water	Water	Water	Water	Water
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	7/28/2014	7/29/2014	7/31/2014	8/1/2014	8/1/2014	8/5/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary
2,4-Dimethylphenol	<10	<9.9	<5.0	<4.6	<4.6	<4.6
2-Methylnaphthalene	<10	<9.9	<5.0 *	<4.6	<4.6	<4.6 *
4-Methylphenol	<10	<9.9	<11 *	<9.2	<9.2	<9.2
Acenaphthylene	<10	<9.9	1.1 J *	<4.6	<4.6	<4.6 *
Anthracene	<10	<9.9	0.42 J *	<4.6	<4.6	<4.6 *
Benzaldehyde	<10	<9.9	<5.0 *	<4.6	<4.6	0.27 J B
Benzo(b)fluoranthene	<10	<9.9	<5.0 *	<4.6	<4.6	<4.6
Benzo(g,h,i)perylene	<10	<9.9	<5.0 *	<4.6	<4.6	<4.6
Bis(2-chloroethox) methane	<10	<9.9	<5.0 *	<4.6	<4.6	<4.6
Bis(2-ethylhexyl) phthalate	28 B	7.9 J B	3.8 J *	<4.6	3.5 J	<4.6
Diethyl phthalate	<10	<9.9	<5.0 *	0.24 J B	0.23 J B	<4.6 *
Di-n-butyl phthalate	<10	<9.9	<5.0 *	<4.6	<4.6	<4.6 *
Fluorene	<10	<9.9	0.89 J *	<4.6	<4.6	<4.6 *
Phenanthrene	<10	<9.9	1.2 J *	<4.6	<4.6	<4.6 *
Pyrene	<10	<9.9	<5.0 *	<4.6	<4.6	<4.6 *

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - Compound was found in the blank and sample.

* - LCS, LCSD, or ISTD response or retention time is outside acceptable limits.

For full data please see analytical data packages.

Only samples with detections are included in the table above.

Table 2.3
Waste Water Treatment Plant Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0005	AS-WTPE-14-0006	AS-WTPE-14-007	AS-WTPE-14-0008	AS-WTPE-14-0009	AS-WTPE-14-0010
Field Sample ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0005	AS-WTPE-14-0006	AS-WTPE-14-007	AS-WTPE-14-0008	AS-WTPE-14-0009	AS-WTPE-14-0010
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	5/22/2014	5/23/2014	5/30/2014	6/3/2014	6/10/2014	6/10/2014	6/13/2014	6/13/2014	6/16/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.063	<0.064	0.19	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1221	0.30	0.13	<0.062	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1232	<0.063	<0.064	<0.062	0.47	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1242	<0.063	<0.064	<0.062	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1248	0.045 J	<0.064	<0.062	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1254	<0.063	<0.064	<0.062	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1260	<0.063	<0.064	<0.062	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1262	<0.063	<0.064	<0.062	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCB-1268	<0.063	<0.064	<0.062	<0.061	<0.057	<0.057	<0.065	<0.063	<0.068
PCBs, Total	0.35	0.13	0.19	0.47	<0.057	<0.057	<0.065	<0.063	<0.068

Site ID	AS-WTPE-14-0011	AS-WTPE-14-0012	AS-WTPE-14-0013	AS-EWPT-14-0012	AS-EWPT-14-0013	AS-EWPT-14-0014	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017
Field Sample ID	AS-WTPE-14-0011	AS-WTPE-14-0012	AS-WTPE-14-0013	AS-EWPT-14-0012	AS-EWPT-14-0013	AS-EWPT-14-0014	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/17/2014	6/17/2014	6/18/2014	6/23/2014	6/24/2014	6/30/2014	7/1/2014	7/1/2014	7/1/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.057	<0.059	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1221	<0.057	0.28	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1232	<0.057	<0.059	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1242	<0.057	<0.059	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1248	<0.057	<0.059	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1254	<0.057	0.036 J	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1260	<0.057	<0.059	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1262	<0.057	<0.059	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCB-1268	<0.057	<0.059	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059
PCBs, Total	<0.057	0.32	<0.058	<0.057	<0.059	<0.059	<0.059	<0.058	<0.059

Table 2.3, Page 2
Waste Water Treatment Plant Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-EWPT-14-0018	AS-EWPT-14-0019	AS-EWPT-14-0020	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0025	AS-EWPT-14-0026
Field Sample ID	AS-EWPT-14-0018	AS-EWPT-14-0019	AS-EWPT-14-0020	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0025	AS-EWPT-14-0026
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	7/2/2014	7/2/2014	7/7/2014	7/8/2014	7/8/2014	7/8/2014	7/9/2014	7/10/2014	7/14/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1221	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1232	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1242	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1248	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1254	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1260	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1262	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCB-1268	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059
PCBs, Total	<0.058	<0.059	<0.058	<0.058	<0.058	<0.058	<0.061	<0.061	<0.059

Site ID	AS-EWPT-14-0027	AS-EWPT-14-0028	AS-EWPT-14-0029	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0034	AS-WTPE-14-0037
Field Sample ID	AS-EWPT-14-0027	AS-EWPT-14-0028	AS-EWPT-14-0029	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0034	AS-WTPE-14-0037
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	7/14/2014	7/14/2014	7/14/2014	7/15/2014	7/15/2014	7/22/2014	7/22/2014	7/23/2014	7/23/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1221	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1232	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1242	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1248	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1254	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1260	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1262	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCB-1268	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059
PCBs, Total	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059

Table 2.3, Page 3
Waste Water Treatment Plant Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0038	AS-WTPE-14-0039	AS-WTPE-14-0040	AS-WTPE-14-0041	AS-WTPE-14-0042	AS-WTPE-14-0043	AS-WTPE-14-0044	AS-WTPE-14-0045	AS-WTPE-14-0046
Field Sample ID	AS-WTPE-14-0038	AS-WTPE-14-0039	AS-WTPE-14-0040	AS-WTPE-14-0041	AS-WTPE-14-0042	AS-WTPE-14-0043	AS-WTPE-14-0044	AS-WTPE-14-0045	AS-WTPE-14-0046
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	7/28/2014	7/28/2014	7/28/2014	7/28/2014	7/29/2014	7/29/2014	7/30/2014	7/30/2014	7/31/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1221	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1232	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1242	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1248	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1254	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1260	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1262	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCB-1268	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059
PCBs, Total	<0.058	<0.059	<0.059	<0.059	<0.059	<0.059	<0.061	<0.058	<0.059

Site ID	AS-WTPE-14-0047	AS-WTPE-14-0048	AS-WTPE-14-0049	AS-WTPE-14-0054	AS-WTPE-14-0050	AS-WTPE-14-0051	AS-WTPE-14-0052	AS-WTPE-14-0053	AS-WTPE-14-0055
Field Sample ID	AS-WTPE-14-0047	AS-WTPE-14-0048	AS-WTPE-14-0049	AS-WTPE-14-0054	AS-WTPE-14-0050	AS-WTPE-14-0051	AS-WTPE-14-0052	AS-WTPE-14-0053	AS-WTPE-14-0055
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	7/31/2014	8/1/2014	8/1/2014	8/1/2014	8/4/2014	8/4/2014	8/5/2014	8/5/2014	8/11/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1221	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1232	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1242	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1248	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1254	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1260	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1262	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCB-1268	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058
PCBs, Total	<0.058	<0.20	<0.20	<0.20	<0.060	<0.060	<0.058	<0.059	<0.058

Table 2.3, Page 4
Waste Water Treatment Plant Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0056	AS-WTPE-14-0057	AS-WTPE-14-0058	ALTECH POND H2O	AS-WTPE-14-0059	AS-WTPE-14-0060	Altech Pond Water II	AS-WTPE-14-0061	AS-WTPE-14-0062
Field Sample ID	AS-WTPE-14-0056	AS-WTPE-14-0057	AS-WTPE-14-0058	ALTECH POND H2O	AS-WTPE-14-0059	AS-WTPE-14-0060	Altech Pond Water II	AS-WTPE-14-0061	AS-WTPE-14-0062
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/12/2014	8/12/2014	8/13/2014	8/13/2014	8/14/2014	8/14/2014	8/14/2014	8/20/2014	8/20/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1221	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1232	<0.058	<0.058	<0.059	12	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1242	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1248	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1254	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1260	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1262	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCB-1268	<0.058	<0.058	<0.059	<0.30	<0.059	<0.059	<0.059	<0.061	<0.060
PCBs, Total	<0.058	<0.058	<0.059	12	<0.059	<0.059	<0.059	<0.061	<0.060

Site ID	AS-WTPE-14-0063	AS-WTPE-14-0064W	AS-WTPE-14-0065	AS-WTPE-14-0066	AS-WTPE-14-0067	AS-WTPE-14-0068	AS-WTPE-14-0069	AS-WTPE-14-0070	AS-WTPE-14-0071
Field Sample ID	AS-WTPE-14-0063	AS-WTPE-14-0064W	AS-WTPE-14-0065	AS-WTPE-14-0066	AS-WTPE-14-0067	AS-WTPE-14-0068	AS-WTPE-14-0069	AS-WTPE-14-0070	AS-WTPE-14-0071
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	9/3/2014	9/3/2014	9/11/2014	9/11/2014	9/17/2014	9/17/2014	9/25/2014	9/25/2014	10/7/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCB-1221	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCB-1232	<0.057	0.051 J	<0.059	0.054 J	<0.058	2.7	0.42	<0.059	<0.059
PCB-1242	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCB-1248	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCB-1254	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCB-1260	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCB-1262	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCB-1268	<0.057	<0.060	<0.059	<0.061	<0.058	<0.059	<0.058	<0.059	<0.059
PCBs, Total	<0.057	0.051 J	<0.059	0.054 J	<0.058	2.7	0.42	<0.059	<0.059

Table 2.3, Page 5
Waste Water Treatment Plant Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0072	AS-WTPE-14-0073	AS-WTPE-14-0074	AS-WTPE-14-0075	AS-WTPE-14-0076
Field Sample ID	AS-WTPE-14-0072	AS-WTPE-14-0073	AS-WTPE-14-0074	AS-WTPE-14-0075	AS-WTPE-14-0076
Sample Matrix	Water	Water	Water	Water	Water
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	10/7/2014	10/22/2014	10/22/2014	10/29/2014	11/6/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A
Analyte (µg/L)	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1221	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1232	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1242	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1248	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1254	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1260	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1262	<0.058	<0.060	<0.060	<0.060	<0.060
PCB-1268	<0.058	<0.060	<0.060	<0.060	<0.060
PCBs, Total	<0.058	<0.060	<0.060	<0.060	<0.060

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

PCB exceedances are shaded grey.

Table 2.4
Waste Water Treatment Plant Sampling Analytical Results
Metals by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0005	AS-WTPE-14-0006	AS-WTPE-14-007	AS-WTPE-14-0008	AS-WTPE-14-0010	AS-WTPE-14-0011
Field Sample ID	AS-WTPE-14-0001	AS-WTPE-14-0002	AS-WTPE-14-0003	AS-WTPE-14-0005	AS-WTPE-14-0006	AS-WTPE-14-007	AS-WTPE-14-0008	AS-WTPE-14-0010	AS-WTPE-14-0011
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	5/22/2014	5/23/2014	5/30/2014	6/3/2014	6/10/2014	6/10/2014	6/13/2014	6/16/2014	6/17/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	0.089 J	<0.20	<0.20	<0.20	0.095 J	0.08 J	<0.20	0.081 J B	0.065 J B
Arsenic	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Barium	0.22	0.26	0.22	0.22	0.26	0.16	0.037	0.014	0.14
Cadmium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Calcium	88.3	128	98.5	84.9	163	<0.0040	30.1	82.9 B	84.9 B
Chromium	0.0023 J B	<0.0040	<0.0040	0.0021 J	0.0018 J	151	0.0021 J	0.0019 J	0.0015 J
Cobalt	0.0018 J	0.0025 J	0.0010 J	<0.0040	0.0013 J	0.0032 J	0.0014 J	0.00071 J	<0.0040
Copper	0.0033 J	0.0025 J	<0.010	0.0020 J	0.0062 J	0.0024 J	0.0016 J	0.0034 J B	0.0030 J B
Iron	0.40 B	0.049 J B	<0.050	0.040 J	0.22	0.040 J	0.061	0.036 J	0.042 J
Lead	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Magnesium	24.5	40.2	29.0	22.9	44.9	40.6	8.0	18.4	20.3
Manganese	1.8	2.2	1.1	0.61	1.4	3.0	0.14	0.15 *	0.22 *
Nickel	0.37	0.64	0.29	0.27	0.46	0.031	0.50	0.059	0.087
Potassium	3.4	4.6	3.5	3.3	8.2	7.6	1.3	2.3	2.6
Selenium	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Sodium	78.1	153	96.7	67.3	248	123	21.5	39.1	47.1
Vanadium	0.0018 J	23.8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Zinc	<0.010	<0.010	<0.010	<0.010	0.023	0.0060 J B	<0.010	0.0019 J B	<0.010

Site ID	AS-WTPE-14-0012	AS-WTPE-14-0013	AS-EWPT-14-0012	AS-EWPT-14-0013	AS-EWPT-14-0014	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017	AS-EWPT-14-0018
Field Sample ID	AS-WTPE-14-0012	AS-WTPE-14-0013	AS-EWPT-14-0012	AS-EWPT-14-0013	AS-EWPT-14-0014	AS-EWPT-14-0015	AS-EWPT-14-0016	AS-EWPT-14-0017	AS-EWPT-14-0018
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	6/17/2014	6/18/2014	6/23/2014	6/24/2014	6/30/2014	7/1/2014	7/1/2014	7/1/2014	7/2/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	0.12 J	0.11 J	0.088 J	0.19 J	0.09 J	0.12 J	0.070 J	0.087 J	0.26
Arsenic	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0.012 J
Barium	0.13	0.14	0.13	0.15	0.16	0.17	0.18	0.17	0.18 *
Cadmium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Calcium	79.7 B	85.8 B	72.7	84.1 B	164	168	174	171	179
Chromium	0.0071	0.0083	0.0017 J	0.014	0.0014 J	0.0023 J	0.0011 J	0.0011 J	0.0040
Cobalt	0.0014	0.0017	0.0015 J	0.0023 J	0.0015 J	0.0017 J	0.0022 J	0.0020 J	0.00233 J
Copper	0.053 B	0.058 B	0.0043 J	0.0079 J	0.0056 J B*	0.0050 J B*	0.0050 J B*	0.0043 J B*	0.0044 J
Iron	0.33 B	0.38 B	0.13	0.54	0.30	0.31	0.27	0.28	0.18
Lead	<0.010	<0.010	<0.010	0.0035 J	<0.010	<0.010	<0.010	<0.010	<0.010
Magnesium	26.6	29.5	28.4	32.8	49.6	50.7	52.0	51.3	55.9 *
Manganese	0.30 B	0.34 B	0.44	0.54	0.64	0.66	0.73	0.71	0.74 *
Nickel	0.30	0.35	0.33	0.45	0.33	0.33	0.39	0.38	0.86
Potassium	3.6	3.9	3.5	4.0	7.3	7.6	8.2	7.9	8.1
Selenium	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Sodium	85.6	97.3	96.7	111	140	144	150	146	156
Vanadium	<0.0050	<0.0050	<0.0050	<0.0050	0.0018 J	<0.0050	0.0016 J	<0.0050	<0.0050
Zinc	0.018	0.030	0.017	0.022	0.021	0.0084 J	0.0064 J	0.0084 J	0.017

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Waste Water Treatment Plant Sampling Analytical Results
Metals by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-EWPT-14-0019	AS-EWPT-14-0020	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0025	AS-EWPT-14-0026	AS-EWPT-14-0027
Field Sample ID	AS-EWPT-14-0019	AS-EWPT-14-0020	AS-EWPT-14-0021	AS-EWPT-14-0022	AS-EWPT-14-0023	AS-EWPT-14-0024	AS-EWPT-14-0025	AS-EWPT-14-0026	AS-EWPT-14-0027
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	7/2/2014	7/7/2014	7/8/2014	7/8/2014	7/8/2014	7/9/2014	7/10/2014	7/14/2014	7/14/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	0.22	0.12 J	0.10 J	0.12 J	0.093 J	0.066 J	0.077 J	0.11 J	0.092 J
Arsenic	0.010 J	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Barium	0.18 *	0.15	0.15	0.15	0.16	0.12	0.13	0.12	0.12
Cadmium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Calcium	178	168	172	176	178	180	187	180	177
Chromium	0.0022 J	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	0.0010 J	0.0015 J	<0.0040
Cobalt	0.0033 J	0.0026 J	0.0027 J	0.0027 J	0.0027 J	0.0027 J	0.0030 J	0.0030 J	0.0029 J
Copper	0.0020 J	0.0021 J	0.0030 J	0.0030 J	0.0023 J	0.0032 J	<0.010	0.0036 J	0.0028 J
Iron	0.099	0.10	0.13	0.11	0.11	0.069	0.071	0.083	0.12
Lead	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.0038 J	<0.010	<0.010
Magnesium	55.8 *	56.9	58.8	59.3	60.8	52.9	54.6	57.8	57.0
Manganese	0.83 *	0.91	0.94	0.96	0.98	1.2	1.2	1.0	1.0
Nickel	0.84	0.67	0.69	0.68	0.70	0.80	0.82	0.79	0.78
Potassium	8.1	8.0	7.9	8.0 *	8.2 *	7.0	7.1	7.5	7.6
Selenium	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Sodium	156	158	163	163	167	127	132	154	153
Vanadium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Zinc	0.011	0.0094	0.020	0.014	0.015	0.012	0.013	0.0095 J	0.0080 J

Site ID	AS-EWPT-14-0028	AS-EWPT-14-0029	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0034	AS-WTPE-14-0037	AS-WTPE-14-0038
Field Sample ID	AS-EWPT-14-0028	AS-EWPT-14-0029	AS-WTPE-14-0030	AS-WTPE-14-0031	AS-WTPE-14-0032	AS-WTPE-14-0033	AS-WTPE-14-0034	AS-WTPE-14-0037	AS-WTPE-14-0038
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	7/14/2014	7/14/2014	7/15/2014	7/15/2014	7/22/2014	7/22/2014	7/23/2014	7/23/2014	7/28/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	0.11 J	0.074 J	0.10 J	0.099 J	0.11 J	0.13 J	0.072 J	0.083 J	0.12 J
Arsenic	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Barium	0.13	0.13	0.12	0.11	0.089	0.081	0.084	0.084	0.085
Cadmium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Calcium	190	192	189	186	171 B	162 B	148	148	158
Chromium	<0.0040	0.0013 J	0.0020 J	<0.0040	0.0015 J	0.0020 J	<0.0040	<0.0040	<0.0040
Cobalt	0.0036 J	0.0034 J	0.0039 J	0.0037 J	0.0035 J	0.0031 J	0.0031 J	0.0029 J	0.0050
Copper	0.0024 J	0.0033 J	0.0019 J	0.0028 J	0.0022 J	0.0025 J	<0.010	<0.010	0.0022 J
Iron	0.20	0.16	0.082	0.082	0.11	0.12	0.091	0.080	0.098
Lead	<0.010	<0.010	0.0033 J	<0.010	<0.010	0.0037 J	<0.010	<0.010	<0.010
Magnesium	54.9	55.4	57.3	56.4	57.3	55.1	63.5	63.8	39.8
Manganese	1.1	1.1	0.91	0.89	1.1	0.82	0.52	0.52	0.55
Nickel	0.95	0.95	1.1	1.1	0.92	0.89	0.76	0.77	1.0
Potassium	7.0	7.1	7.2	7.1	7.5	7.6	8.6 B	8.6 B	6.4
Selenium	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Sodium	133	133	142	142	155	153	169	169 *	79.1
Vanadium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0032 J	0.0031 J	0.0017 J
Zinc	0.036	0.014	0.014 B	0.014 B	0.0090 J B	0.0073 J B	0.0028 J	0.0024 J	0.0032 J

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Waste Water Treatment Plant Sampling Analytical Results
Metals by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0039	AS-WTPE-14-0040	AS-WTPE-14-0041	AS-WTPE-14-0042	AS-WTPE-14-0043	AS-WTPE-14-0044	AS-WTPE-14-0045	AS-WTPE-14-0046	AS-WTPE-14-0047
Field Sample ID	AS-WTPE-14-0039	AS-WTPE-14-0040	AS-WTPE-14-0041	AS-WTPE-14-0042	AS-WTPE-14-0043	AS-WTPE-14-0044	AS-WTPE-14-0045	AS-WTPE-14-0046	AS-WTPE-14-0047
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	7/28/2014	7/28/2014	7/28/2014	7/29/2014	7/29/2014	7/30/2014	7/30/2014	7/31/2014	7/31/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	0.11 J	<0.20	0.069 J	0.083 J	0.070 J	0.11 J	0.092 J	0.082 J	0.11 J
Arsenic	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Barium	0.080	0.076	0.076	0.084	0.086	0.084	0.083	0.072	0.072
Cadmium	<0.0020	0.00057 J	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Calcium	156	146	150	156	174	172	181	195	192
Chromium	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	0.0011 J	0.0011 J	0.0019 J	0.0018 J
Cobalt	0.0047	0.0026 J	0.0027 J	0.0042	0.0041	0.0040	0.0021 J	0.0025 J	0.0028 J
Copper	0.0020 J	<0.010	0.0021 J	<0.010	<0.010	0.0019 J	0.0021 J	0.0025 J	0.0026 J
Iron	0.086	0.086	0.10	0.63	0.67	0.047 J	0.038 J	0.048 J	0.039 J
Lead	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Magnesium	39.1	58.4	59.5	37.3	37.8	39.7	43.7	46.6	45.4
Manganese	0.54	0.45	0.45	0.59	0.59	0.68	0.40	0.49	0.42
Nickel	0.96	0.74	0.75	1.2	1.2	1.0	0.76	0.78	0.84
Potassium	6.1	7.9	7.9	6.2	6.4	7.8	8.4	8.6	8.3
Selenium	<0.025	<0.025	<0.025	<0.025	<0.025	0.0093 J	<0.025	<0.025	<0.025
Sodium	75.1	170	171	65.3	67.0	104	109	104	102
Vanadium	0.0018 J	0.0025 J	0.0019 J	<0.0050	0.0021 J	<0.0050	0.0045 J	0.0038 J	0.0046 J
Zinc	0.0027 J	0.0020 J	0.0033 J	0.021	0.019	0.0080 J	0.0043 J	0.0035 J	0.0035 J

Site ID	AS-WTPE-14-0048	AS-WTPE-14-0049	AS-WTPE-14-0054	AS-WTPE-14-0050	AS-WTPE-14-0051	AS-WTPE-14-0052	AS-WTPE-14-0053	AS-WTPE-14-0055	AS-WTPE-14-0056
Field Sample ID	AS-WTPE-14-0048	AS-WTPE-14-0049	AS-WTPE-14-0054	AS-WTPE-14-0050	AS-WTPE-14-0051	AS-WTPE-14-0052	AS-WTPE-14-0053	AS-WTPE-14-0055	AS-WTPE-14-0056
Sample Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	8/1/2014	8/1/2014	8/1/2014	8/4/2014	8/4/2014	8/5/2014	8/5/2014	8/11/2014	8/12/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	<0.20	<0.20	0.072 J	0.15 J	0.12 J	0.099 J	0.10 J	0.066 J	<0.20
Arsenic	0.010 J	0.0058 J	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Barium	0.081	0.086	0.096	0.082	0.073	0.081	0.091	0.075	0.074
Cadmium	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Calcium	196 B	200 B	162	164	161	187	196	107	113
Chromium	0.0012 J	0.0011 J	<0.0040	0.0011 J	<0.0040	<0.0040	0.0011 J	0.0022 J	<0.0040
Cobalt	0.0041	0.0045	0.0032 J	0.0017 J	0.0014 J	0.0024 J	0.0038 J	0.0032 J	0.0023 J
Copper	0.0027 J	0.0022 J	0.012	0.0031 J	0.0021 J	0.0025 J	0.0025 J	0.0022 J	0.0025 J
Iron	0.045 J	0.028 J	0.14	1.3	<0.050	0.055	0.066	0.16	0.054
Lead	<0.010	<0.010	0.0047 J	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Magnesium	45.2	47.8	49.4	47.7	47.1	56.1	54.1	40.4	40.8
Manganese	0.76	0.77	0.66 B	0.13	0.12	0.42	0.47	0.48	0.30
Nickel	1.2	1.3	0.76	0.52	0.51	0.66	1.0	0.69	0.56
Potassium	7.7	8.0	6.2	6.7	6.6	7.3	8.0	10.1	12.3
Selenium	<0.025	<0.025	<0.025	<0.025	0.0094 J	<0.025	<0.025	<0.025	<0.025
Sodium	105	110	151	129	127	134	145	209	209
Vanadium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Zinc	<0.010	<0.010	0.023	0.0042 J	<0.010	0.0039 J	0.0033 J	0.0054 J B	0.0034 J B

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Waste Water Treatment Plant Sampling Analytical Results
Metals by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-WTPE-14-0057	AS-WTPE-14-0058
Field Sample ID	AS-WTPE-14-0057	AS-WTPE-14-0058
Sample Matrix	Water	Water
Sample Type	Metals (ICP)	Metals (ICP)
Sample Date	8/12/2014	8/13/2014
Analysis Method	6010C	6010C
Analyte (mg/L)	Primary	Primary
Aluminum	<0.20	<0.20
Arsenic	<0.015	<0.015
Barium	0.069	0.057
Cadmium	<0.0020	<0.0020
Calcium	95.9	75.7
Chromium	0.0013 J	<0.0040
Cobalt	0.0018 J	0.0011 J
Copper	0.0021 J	<0.010
Iron	0.038 J	0.034 J
Lead	<0.010	<0.010
Magnesium	19.6	17.2
Manganese	0.59 B	0.42 B
Nickel	0.40	0.33
Potassium	7.0	6.0
Selenium	<0.025	<0.025
Sodium	69.6	64.8
Vanadium	<0.0050	<0.0050
Zinc	0.0034 J	0.0024 J

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

* - Instrument related QC is outside acceptance limits.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 3
Concrete Sampling Analytical Results
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONC-PIERS	AS-CONC-OUTLET
Field Sample ID	AS-CONC-PIERS	AS-CONC-OUTLET
Sample Matrix	Solid	Solid
Sample Type	Metals (ICP)	Metals (ICP)
Sample Date	10/23/2014	10/23/2014
Analysis Type	6010C	6010C
Analyte (mg/Kg)	Primary	Primary
Aluminum	10300 *	8180 *
Arsenic	4.7	6.5
Barium	44.1	68.1
Beryllium	0.34	0.40
Cadmium	0.069 J	0.070 J
Calcium	89300 B	70400 B
Chromium	36.4	13.8
Cobalt	5.5	5.1
Copper	13.7	15.7
Iron	9580	14100
Lead	5.6	6.8
Magnesium	6210	5030
Manganese	138	280
Nickel	35.8	19.0
Potassium	602	986
Selenium	0.50 J B	2.1 J B
Sodium	171	139
Vanadium	17.2	13.6
Zinc	28.4 B*	28.2 B*

Site ID	AS-CONC-OUTLET
Field Sample ID	AS-CONC-OUTLET
Sample Matrix	Solid
Sample Type	SVOCs
Sample Date	10/23/2014
Analysis Type	8270D
Analyte (µg/Kg)	Primary
Benzo(b)fluoranthene	40 J

Site ID	AS-CONC-OUTLET
Field Sample ID	AS-CONC-OUTLET
Sample Matrix	Solid
Sample Type	VOCs
Sample Date	10/23/2014
Analysis Type	8260C
Analyte (µg/Kg)	Primary
Acetone	24

Site ID	AS-CONC-PIERS	AS-CONC-OUTLET
Field Sample ID	AS-CONC-PIERS	AS-CONC-OUTLET
Sample Matrix	Solid	Solid
Sample Type	PCBs	PCBs
Sample Date	10/23/2014	10/23/2014
Analysis Type	8082A	8082A
Analyte (mg/Kg)	Primary	Primary
PCB-1016	<0.21	<0.20
PCB-1221	<0.21	<0.20
PCB-1232	<0.21	<0.20
PCB-1242	<0.21	<0.20
PCB-1248	0.056 J	0.077 J
PCB-1254	<0.21	<0.20
PCB-1260	<0.21	<0.20

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

* - Instrument related QC is outside acceptance limits.

For full data please see analytical data packages. Only samples with detections are included in the table above.

All Mercury samples were non-detect.

Table 4
Waste Characterization QA/QC Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	ALQC-1	ALQC-2	ALQC-3	ALQC-4	ALQC-5	ALQC-6	ALQC-7	ALQC-8	ALQC-9	ALQC-10	ALQC-DUP
Field Sample ID	ALQC-1	ALQC-2	ALQC-3	ALQC-4	ALQC-5	ALQC-6	ALQC-7	ALQC-8	ALQC-9	ALQC-10	ALQC-DUP
Lab Name	PHOENIX	PHOENIX	PHOENIX	PHOENIX	PHOENIX	PHOENIX	PHOENIX	PHOENIX	PHOENIX	PHOENIX	PHOENIX
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
PCB-1221	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
PCB-1232	<11 *	<9.2 *	<11 *	<12 *	<12 *	<11 *	<10 *	<12 *	<10 *	<9.9 *	<1.1 *
PCB-1242	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
PCB-1248	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
PCB-1254	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
PCB-1260	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
PCB-1262	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
PCB-1268	<11	<9.2	<11	<12	<12	<11	<10	<12	<10	<9.9	<1.1
Total PCBs	150	150	210	140	180	160	120	150	96	94	210

Site ID	ALQC-1	ALQC-2	ALQC-3	ALQC-4	ALQC-5	ALQC-6	ALQC-7	ALQC-8	ALQC-9	ALQC-10
Field Sample ID	ALQC-1	ALQC-2	ALQC-3	ALQC-4	ALQC-5	ALQC-6	ALQC-7	ALQC-8	ALQC-9	ALQC-10
Lab Name	CHEMTECH	CHEMTECH	CHEMTECH	CHEMTECH	CHEMTECH	CHEMTECH	CHEMTECH	CHEMTECH	CHEMTECH	CHEMTECH
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014	6/27/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<10.7	<3.9	<2.3	<2.4	<0.24	<4.4	<4.0	<2.4	<4.4	<4.2
PCB-1221	<10.7	<3.9	<2.3	<2.4	<0.24	<4.4	<4.0	<2.4	<4.4	<4.2
PCB-1232	<10.7	<3.9	<2.3	<2.4	<0.24	<4.4	<4.0	<2.4	<4.4	<4.2
PCB-1242	<10.7	<3.9	<2.3	<2.4	<0.24	<4.4	<4.0	<2.4	<4.4	<4.2
PCB-1248	43.5	40.2	16	8.5	3.1	16.8	33.1	4.8	17.5	40.9
PCB-1254	<10.7	<3.9	<2.3	<2.4	<0.24	<4.4	<4.0	<2.4	<4.4	<4.2
PCB-1260	<10.7	<3.9	<2.3	<2.4	<0.24	<4.4	<4.0	<2.4	<4.4	<4.2

Notes:

Bold - Indicates analyte detected by laboratory.

CHEMTECH - Chemtech Consulting Group

PHOENIX - Phoenix Environmental Laboratories

* - The PCB pattern did not resemble any of the standards, but most closely resembles PCB-1232.

PCB exceedances are shaded grey.

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

Manifest #	Date	Hauler	Final Destination	Source	QTY (Tons)	Actual QTY (Tons)	Weight Ticket No.
1	7/1/2014	US Bulk Trans	Model City	Willowbrook Pond	34	38.73	202827
2	7/1/2014	US Bulk Trans	Model City	Willowbrook Pond	34	34.88	202828
3	7/1/2014	US Bulk Trans	Model City	Willowbrook Pond	34	34.35	202829
4	7/1/2014	US Bulk Trans	Model City	Willowbrook Pond	34	33.85	202831
5	7/2/2014	US Bulk Trans	Model City	Willowbrook Pond	34	36.47	202844
6	7/2/2014	US Bulk Trans	Model City	Willowbrook Pond	34	33.34	202845
7	7/2/2014	US Bulk Trans	Model City	Willowbrook Pond	34	30.95	202846
8	7/2/2014	US Bulk Trans	Model City	Willowbrook Pond	34	31.38	202847
9	7/2/2014	US Bulk Trans	Model City	Willowbrook Pond	34	30.46	202848
10	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.91	202938
11	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.42	202940
12	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.98	202942
13	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.28	202941
14	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31	202943
15	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.46	202944
16	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.16	202950
17	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.08	202947
18	7/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.83	202949
19	7/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.98	202960
20	7/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.84	202959
21	7/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.26	202963
22	7/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	39.33	202961
23	7/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.27	202964
24	7/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.89	202962
25	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.92	202967
26	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.29	202968
27	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31	202969
28	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.27	202991
29	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.58	202975
30	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.04	202973
31	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.84	202974
32	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.47	202978
33	7/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.16	202976
34	7/21/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.81	203072
35	7/21/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.14	203065
36	7/21/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.94	203064
37	7/21/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.33	203063
38	7/21/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.49	203062
39	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.16	203089
40	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.09	203090
41	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.81	203091
42	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.6	203092
43	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.63	203093
44	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.51	203094
45	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.13	203095
46	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.8	203096
47	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.07	203098
48	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.71	203100
49	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.21	203104
50	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.36	203109
51	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.99	203097
52	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.55	203102
53	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.64	203103
54	7/22/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.42	203108
55	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.74	203125
56	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.74	203126
57	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.46	203128
58	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.1	203129
59	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.79	203130
60	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.5	203131
61	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.43	203133
62	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.98	203132
63	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.86	203136
64	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.07	203135

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

65	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.77	203137
66	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.86	203141
67	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.92	203144
68	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.38	203140
69	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.82	203142
70	7/23/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.92	203139
71	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.34	203163
72	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.01	203164
73	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.81	203165
74	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.54	203166
75	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.41	203167
76	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.62	203168
77	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.46	203169
78	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.21	203170
79	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.94	203179
80	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.34	203180
81	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.26	203176
82	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.17	203181
83	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.87	203175
84	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.41	203174
85	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.1	203172
86	7/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.32	203171
87	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.41	203196
88	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.29	203197
89	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.56	203198
90	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.83	203199
91	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.07	203200
92	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.8	203201
93	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.03	203202
94	7/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.73	203203
95	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.74	203211
96	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.35	203212
97	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.9	203213
98	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.29	203215
99	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.82	203216
100	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.16	203218
101	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.15	203219
102	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.99	203220
103	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.49	203229
104	7/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.23	203224
105	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.26	203251
106	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.97	203249
107	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.63	203250
108	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.07	203252
109	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.05	203253
110	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.23	203254
111	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.34	203255
112	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.94	203256
113	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.61	203259
114	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.92	203262
115	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.4	203257
116	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.77	203258
117	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.56	203270
118	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.46	203269
119	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.31	203261
120	7/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.84	203263
121	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.36	203284
122	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.62	203285
123	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.35	203286
124	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.87	203289
125	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.7	203287
126	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.75	203288
127	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.54	203290
128	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.14	203291
129	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.63	203294
130	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.58	203295

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

131	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.43	203297
132	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.95	203296
133	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.48	203292
134	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.28	203299
135	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.66	203298
136	7/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.06	203293
137	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.06	203322
138	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.14	203323
139	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.01	203324
140	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.83	203325
141	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.87	203327
142	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.26	203328
143	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.17	203330
144	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.22	203329
145	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.51	203333
146	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.11	203334
147	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.74	203339
148	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.74	203338
149	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.41	203335
150	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.06	203332
151	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.66	203336
152	7/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.34	203337
153	8/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32	203352
154	8/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.98	203353
155	8/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.6	203354
156	8/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.72	203355
157	8/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.61	203356
158	8/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.63	203357
159	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.69	203370
160	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.07	203371
161	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.26	203373
162	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.02	203372
163	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.13	203592
164	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.16	203374
165	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.11	203378
166	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.53	203377
167	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.35	203376
168	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.11	203375
169	8/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.71	203384
170	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.84	203393
171	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.01	203394
172	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.63	203396
173	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.46	203395
174	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.76	203397
175	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.59	203398
176	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.58	203399
177	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.16	203400
178	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.47	203404
179	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.7	203405
180	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.43	203406
181	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	35.33	203403
182	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.06	203402
183	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.66	203412
184	8/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.14	203407
185	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.02	203423
186	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.62	203424
187	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32	203425
188	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.55	203427
189	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.66	203426
190	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.1	203428
191	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.16	203429
192	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.94	203432
193	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.33	203431
194	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.6	203434
195	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.44	203435
196	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.71	203433

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

197	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.24	203437
198	8/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.58	203436
199	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.49	203455
200	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.27	203454
201	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.78	203456
202	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.98	203458
203	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.63	203457
204	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.23	203459
205	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.52	203460
206	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.35	203461
207	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.01	203464
208	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.8	203463
209	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.99	203462
210	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.77	203465
211	8/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.39	203468
212	8/8/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.41	203492
213	8/8/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.21	203493
214	8/8/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.95	203494
215	8/8/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.66	203495
216	8/8/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.04	203496
217	8/8/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.83	203497
218	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.38	203520
219	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.24	203521
220	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.09	203523
221	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.57	203522
222	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.95	203524
223	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.54	203525
224	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.13	203533
225	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.42	203529
226	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.38	203528
227	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.09	203530
228	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.72	203532
229	8/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.81	203531
230	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.69	203554
231	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33	203553
232	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.51	203555
233	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.87	203557
234	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.06	203558
235	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.79	203559
236	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.54	203560
237	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.08	203564
238	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.06	203561
239	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.67	203562
240	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.3	203565
241	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.84	203563
242	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33	203566
243	8/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.19	203569
244	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.61	203583
245	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.56	203584
246	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.41	203585
247	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.36	203586
248	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.33	203587
249	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.79	203588
250	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.3	203589
251	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.2	203590
252	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.75	203594
253	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.23	203597
254	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.43	203596
255	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.9	203593
256	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.54	203591
257	8/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.75	203595
258	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.24	203615
259	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.66	203616
260	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.31	203617
261	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.94	203619
262	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.48	203618

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

263	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.83	203620
264	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.59	203621
265	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.73	203625
266	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.67	203624
267	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.48	203623
268	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.45	203622
269	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.42	203626
270	8/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.1	203627
271	8/15/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.17	203646
272	8/15/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.5	203645
273	8/15/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.13	203647
274	8/15/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.72	203648
275	8/15/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.03	203649
276	8/15/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.24	203650
277	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.69	203668
278	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.95	203667
279	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.09	203669
280	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.2	203671
281	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.62	203670
282	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.33	203672
283	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.97	203673
284	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.94	203674
285	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.37	203676
286	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.81	203683
287	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.21	203679
288	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.79	203680
289	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.39	203682
290	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.17	203681
291	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.89	203678
292	8/18/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.49	203677
293	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.06	203694
294	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.62	203695
295	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.76	203696
296	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.69	203697
297	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.27	203698
298	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.02	203699
299	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.7	203701
300	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.66	203700
301	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.33	203708
302	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.07	203709
303	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.66	203703
304	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.86	203704
305	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.68	203707
306	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.96	203702
307	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.4	203706
308	8/19/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.33	203705
309	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.74	203717
310	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.41	203718
311	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.53	203719
312	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.2	203721
313	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.87	203720
314	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.19	203722
315	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.11	203723
316	8/20/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.16	203724
317	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.12	204593
318	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.07	204594
319	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.46	204595
320	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.75	204596
321	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.85	204597
322	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.69	204598
323	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.73	204600
324	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.51	204599
325	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.86	204607
326	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.2	204604
327	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.62	204603
328	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.15	204601

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

329	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.8	204602
330	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.52	204606
331	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.92	204605
332	10/27/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.77	204613
333	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.79	204628
334	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.22	204626
335	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.22	204627
336	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.19	204629
337	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.33	204630
338	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.19	204632
339	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.32	204631
340	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.92	204633
341	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.46	204637
342	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.25	204640
343	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.51	204636
344	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.57	204639
345	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.69	204635
346	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.51	204634
347	10/28/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.95	204641
348	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.71	204649
349	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.28	204651
350	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.92	204650
351	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.64	204652
352	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.49	204653
353	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.89	204654
354	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.36	204655
355	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.85	204656
356	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.29	204659
357	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.08	204662
358	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.08	204661
359	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.19	204660
360	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.99	204657
361	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.23	204658
362	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.84	204663
363	10/29/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.76	204668
364	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.82	204678
365	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.27	204679
366	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.12	204680
367	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.13	204681
368	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.84	204684
369	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.2	204683
370	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.2	204686
371	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32	204685
372	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.5	204691
373	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.99	204687
374	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.55	204688
375	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.83	204693
376	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.53	204690
377	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.63	204689
378	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.23	204692
379	10/30/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.1	204695
380	10/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.89	204704
381	10/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.14	204705
382	10/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.04	204707
383	10/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.98	204706
384	10/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.89	204708
385	10/31/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.41	204709
386	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.48	204719
387	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.7	204721
388	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.82	204720
389	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.43	204724
390	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.01	204722
391	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.2	204723
392	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.69	204725
393	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.98	204730
394	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33	204729

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

395	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.1	204732
396	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.66	204731
397	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.89	204733
398	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.45	204728
399	11/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.77	204727
400	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.61	204751
401	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.43	204752
402	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.06	204753
403	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.24	204754
404	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.44	204755
405	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.51	204756
406	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.64	204757
407	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32	204759
408	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.28	204758
409	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34	204760
410	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.03	204761
411	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.02	204766
412	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.22	204767
413	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.81	204763
414	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.34	204764
415	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.94	204765
416	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.23	204768
417	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.39	204762
418	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.07	204770
419	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.12	204769
420	11/4/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.87	204773
421	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.31	204778
422	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.58	204779
423	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.89	204781
424	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.91	204780
425	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.59	204783
426	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.59	204782
427	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.7	204784
428	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.96	204785
429	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.66	204786
430	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.99	204787
431	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.23	204788
432	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.19	204791
433	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.37	204792
434	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.57	204789
435	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.89	204790
436	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.99	204793
437	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.17	204794
438	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.52	204795
439	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.33	204797
440	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.31	204796
441	11/5/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34	204798
442	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.12	204815
443	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.91	204816
444	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.53	204817
445	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.16	204819
446	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	28.61	204820
447	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.49	204821
448	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.82	204823
449	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.96	204822
450	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.18	204824
451	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.17	204825
452	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.86	204828
453	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.25	204827
454	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.61	204834
455	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.22	204833
456	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.15	204831
457	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.16	204826
458	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.97	204832
459	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.99	204830
460	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.61	204829

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

461	11/6/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.33	204835
462	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.46	204843
463	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.04	204844
464	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.09	204845
465	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.02	204846
466	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.85	204847
467	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.66	204849
468	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.32	204848
469	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.09	204851
470	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.2	204850
471	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.04	204852
472	11/7/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.98	204853
473	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.51	204869
474	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.12	204868
475	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.95	204870
476	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.52	204872
477	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.87	204873
478	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.67	204871
479	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.49	204877
480	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.09	204881
481	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.3	204878
482	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.02	204879
483	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.19	204874
484	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.905	204875
485	11/10/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.39	204876
486	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.5	204897
487	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.51	204898
488	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.67	204899
489	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.88	204901
490	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.35	204900
491	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.75	204903
492	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.37	204902
493	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.95	204904
494	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.3	204905
495	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.45	204906
496	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.91	204908
497	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.15	204907
498	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.23	204909
499	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.94	204911
500	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.9	204913
501	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.42	204912
502	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.42	204916
503	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.41	204919
504	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.53	204920
505	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.83	204914
506	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.25	204915
507	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.27	204921
508	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.56	204918
509	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.39	204917
510	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.92	204923
511	11/11/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.53	204922
512	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	35.02	204934
513	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.09	204935
514	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.01	204936
515	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.84	204937
516	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.9	204939
517	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.82	204940
518	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.27	204941
519	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.04	204942
520	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.75	204944
521	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.19	204943
522	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.99	204946
523	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.22	204945
524	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.16	204947
525	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.65	204956
526	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.37	204951

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

527	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.64	204957
528	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	35.08	204949
529	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.6	204955
530	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.9	204950
531	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.63	204952
532	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.06	204958
533	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.54	204954
534	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.07	204953
535	11/12/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.53	204948
536	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	35.18	204965
537	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.3	204966
538	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.02	204967
539	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.04	204968
540	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.9	204977
541	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.87	204973
542	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.6	204972
543	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.8	204969
544	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.61	204970
545	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.28	204971
546	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.55	204974
547	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.5	204976
548	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.92	204978
549	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.68	204975
550	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.03	204979
551	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.31	204983
552	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.47	204981
553	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.12	204980
554	11/13/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.19	204982
555	11/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.96	204989
556	11/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.61	204990
557	11/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.28	204991
558	11/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.57	204992
559	11/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.49	204996
560	11/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.95	204995
561	11/14/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.52	204994
562	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.26	205005
563	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.58	205007
564	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.01	205006
565	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.91	205008
566	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.11	205009
567	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.15	205010
568	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.8	205011
569	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.1	205014
570	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.85	205018
571	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.59	205017
572	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.11	205020
573	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.45	205019
574	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.92	205032
575	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.6	205021
576	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.86	205013
577	11/17/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.17	205012
578	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.04	205055
579	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.27	205054
580	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.83	205056
581	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.12	205058
582	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.57	205059
583	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.42	205060
584	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.75	205061
585	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.48	205062
586	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.39	205066
587	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.19	205063
588	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.98	205070
589	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.29	205065
590	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.47	205069
591	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.12	205064
592	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.78	205068

Table 5
Waste Material Tracking Form TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

593	11/24/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.67	205071
594	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.99	205092
595	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.39	205095
596	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.2	205098
597	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.4	205099
598	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	34.47	205102
599	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.29	205100
600	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.18	205101
601	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.3	205103
602	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.44	205106
603	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.75	205107
604	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.81	205104
605	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.39	205108
606	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.04	205113
607	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.7	205115
608	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.84	205109
609	11/25/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.71	205114
610	11/26/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.65	205135
611	11/26/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.29	205137
612	11/26/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.31	205138
613	11/26/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.95	205139
614	11/26/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.26	205141
615	11/26/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.03	205140
616	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.57	205146
617	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.32	205148
618	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.23	205147
619	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.59	205151
620	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.87	205157
621	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.89	205163
622	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.21	205162
623	12/1/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.88	205156
624	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.24	205183
625	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.06	205188
626	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.15	205187
627	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	31.51	205190
628	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.75	205189
629	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.72	205197
630	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	27.37	205193
631	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.43	205192
632	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.76	205199
633	12/2/2014	E.T.C. Page	Model City	Willowbrook Pond	34	32.54	205198
634	12/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	30.94	205216
635	12/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	33.35	205217
636	12/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	29.3	205220
637	12/3/2014	E.T.C. Page	Model City	Willowbrook Pond	34	28.47	205219
						20547.635	

Table 5
Waste Material Tracking Form Non TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

Manifest #	Date	Hauler	Final Destination	Source	Estimated QTY (Tons)	Actual QTY (Tons)	Weight Ticket No.
1	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	22	21.99	203524
2	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	38.9	203514
3	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	40	203522
4	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	26.13	203523
5	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	36.89	203536
6	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	37.66	203537
7	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	40.24	203544
8	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	34.64	203546
9	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	24.20	203550
10	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	34.14	203563
11	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	33.63	203557
12	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	42.09	203559
13	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	28.08	203564
14	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	26.27	203567
15	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	38.51	203598
16	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	45.84	203597
17	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	**REJECTED**	
18	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	**REJECTED**	
19	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	**REJECTED**	
20	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	**REJECTED**	
21	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	**REJECTED**	
22	6/11/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	**REJECTED**	
23	6/12/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	38.51	203598
24	6/18/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	35.85	203814
25	6/18/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	32.29	203819
26	6/18/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	32.56	203820
27	6/18/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	41.57	203816
28	6/18/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	41.10	203824
29	6/18/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	38.89	203842
30	6/19/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	39.55	203858
31	6/19/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	30.31	203875
32	6/19/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	24.91	203874
33	6/19/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	32.85	203876
34	6/19/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	37.52	203888
35	6/19/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	28.80	203894
36	6/19/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	40.80	203901
37	6/20/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	32.02	203918
38	6/20/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	35.64	203942
39	6/20/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	40.29	203943
40	6/20/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	37.31	203944
41	6/20/2014	Riccelli Trucking	Hyland Landfill	Willowbrook Pond	34	44.30	203945
*001	6/20/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	34	32.79	415910
*002	6/20/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	34	37.70	415912
*003	6/20/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	34	38.48	415918
42	10/22/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	20.38	427232
43	10/22/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	20.57	427234
44	10/22/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	20.14	427289
45	10/22/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	23.88	427295
46	10/22/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	23.50	427352
47	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	27.05	427377
48	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	19.38	427378
49	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	21.11	427380
50	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	19.71	427381
51	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	25.5	427415
52	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	16.57	427417
53	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	22.39	427429
54	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	20.39	427434

Table 5
Waste Material Tracking Form Non TSCA - Landfill Disposal
Altech Steel - Willowbrook Pond Closure

55	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	23.34	427469
56	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	17.11	427473 or 8
57	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	20.16	427487
58	10/23/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	22.82	427492
59	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	27.51	427524
60	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	22.16	427529
61	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	19.57	427531
62	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	18.12	427530
63	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	23.08	427537
64	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	25.83	427571
65	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	28.74	427586
66	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	23.07	427590
67	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	23.39	427593
68	10/24/2014	Riccelli Trucking	Chaffee Landfill	Willowbrook Pond	22	22.39	427594
						1761.91	

Table 6.1
Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Field Sample ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	6/17/2014	6/17/2014	6/17/2014	6/17/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,1,2,2-Tetrachloroethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,1,2-Trichloroethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,1-Dichloroethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,1-Dichloroethene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,2,4-Trichlorobenzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,2-Dibromo-3-chloropropane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,2-Dibromoethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,2-Dichlorobenzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,2-Dichloroethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,2-Dichloropropane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,3-Dichlorobenzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
1,4-Dichlorobenzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
2-Hexanone	<22	<26	<23	<21	<25	<27	<23	<29	<25
2-Butanone	<22	<26	<23	<21	<25	<27	<23	<29	<25
4-Methyl-2-pentanone	<22	<26	<23	<21	<25	<27	<23	<29	<25
Acetone	<22	<26	<23	<21	<25	<27	<23	<29	<25
Benzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Bromodichloromethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Bromoform	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Bromomethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Carbon Disulfide	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Carbon Tetrachloride	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Chlorobenzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Dibromochloromethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Chloroethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Chloroform	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Chloromethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
cis-1,2-Dichloroethene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
cis-1,3-Dichloropropene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Cyclohexane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Dichlorodifluoromethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Ethylbenzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Isopropylbenzene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Methyl Acetate	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Methyl tert-Butyl Ether	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Methylcyclohexane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Methylene Chloride	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Styrene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Tetrachloroethene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Toluene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
trans-1,2-Dichloroethene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
trans-1,3-Dichloropropene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Trichloroethene	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Trichlorofluoromethane	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Vinyl Chloride	<4.4	<5.2	<4.6	<4.1	<4.9	<5.3	<4.5	<5.9	<5.1
Xylenes, Total	<8.9	<10	<9.1	<8.2	<9.8	<11	<9.0	<12	<10

Table 6.1, Page 2
Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Field Sample ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	6/19/2014	6/19/2014	6/19/2014	7/15/2014	7/15/2014	7/15/2014	7/15/2014	7/30/2014	7/30/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,1,2,2-Tetrachloroethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,1,2-Trichloroethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,1-Dichloroethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,1-Dichloroethene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,2,4-Trichlorobenzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,2-Dibromo-3-chloropropane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,2-Dibromoethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,2-Dichlorobenzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,2-Dichloroethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,2-Dichloropropane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,3-Dichlorobenzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
1,4-Dichlorobenzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
2-Hexanone	<22	<28	<30	<18	<21	<28	<20	<23	<19
2-Butanone	<22	<28	<30	<18	<21	<28	<20	<23	<19
4-Methyl-2-pentanone	<22	<28	<30	<18	<21	<28	<20	<23	<19
Acetone	<22	<28	<30	<18	<21	<28	<20	<23	<19
Benzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Bromodichloromethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Bromoform	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Bromomethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Carbon Disulfide	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Carbon Tetrachloride	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Chlorobenzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Dibromochloromethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Chloroethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Chloroform	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Chloromethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
cis-1,2-Dichloroethene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
cis-1,3-Dichloropropene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Cyclohexane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Dichlorodifluoromethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Ethylbenzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Isopropylbenzene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Methyl Acetate	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Methyl tert-Butyl Ether	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Methylcyclohexane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Methylene Chloride	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Styrene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Tetrachloroethene	<4.4	<5.7	<6.0	<3.7	1.3 J	1.7 J	1.6 J	<4.6	<3.8
Toluene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
trans-1,2-Dichloroethene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
trans-1,3-Dichloropropene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Trichloroethene	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Trichlorofluoromethane	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Vinyl Chloride	<4.4	<5.7	<6.0	<3.7	<4.2	<5.6	<4.1	<4.6	<3.8
Xylenes, Total	<8.8	<11	<12	<7.4	<8.3	<11	<8.2	<9.1	<7.7

Table 6.1, Page 3
Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Field Sample ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	7/30/2014	7/31/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,1,2,2-Tetrachloroethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,1,2-Trichloroethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,1-Dichloroethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,1-Dichloroethene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,2,4-Trichlorobenzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,2-Dibromo-3-chloropropane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,2-Dibromoethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,2-Dichlorobenzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,2-Dichloroethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,2-Dichloropropane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,3-Dichlorobenzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
1,4-Dichlorobenzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
2-Hexanone	<21	<24	<23	<18	<19	<19	<19	<21	<20
2-Butanone	<21	<24	<23	<18	<19	<19	<19	<21	<20
4-Methyl-2-pentanone	<21	<24	<23	<18	<19	<19	<19	<21	<20
Acetone	<21	<24	<23	<18	<19	<19	<19	<21	<20
Benzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Bromodichloromethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Bromoform	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Bromomethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Carbon Disulfide	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Carbon Tetrachloride	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Chlorobenzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Dibromochloromethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Chloroethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Chloroform	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Chloromethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
cis-1,2-Dichloroethene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
cis-1,3-Dichloropropene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Cyclohexane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Dichlorodifluoromethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Ethylbenzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Isopropylbenzene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Methyl Acetate	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Methyl tert-Butyl Ether	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Methylcyclohexane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Methylene Chloride	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Styrene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Tetrachloroethene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Toluene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
trans-1,2-Dichloroethene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
trans-1,3-Dichloropropene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Trichloroethene	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Trichlorofluoromethane	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Vinyl Chloride	<4.2	<4.7	<4.6	<3.6	<3.9	<3.8	<3.9	<4.2	<4.0
Xylenes, Total	<8.3	<9.5	<9.1	<7.2	<7.8	<7.7	<7.7	<8.4	<8.1

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Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Field Sample ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/14/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,1,2,2-Tetrachloroethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,1,2-Trichloroethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,1-Dichloroethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,1-Dichloroethene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,2,4-Trichlorobenzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,2-Dibromo-3-chloropropane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,2-Dibromoethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,2-Dichlorobenzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,2-Dichloroethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,2-Dichloropropane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,3-Dichlorobenzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
1,4-Dichlorobenzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
2-Hexanone	<20	<21	<21	<24	<21	<180	<22	<20	<21
2-Butanone	<20	<21	<21	<24	<21	<180	<22	<20	<21
4-Methyl-2-pentanone	<20	<21	<21	<24	<21	50 J	<22	<20	<21
Acetone	<20	<21	<21	<24	<21	<180	<22	<20	<21
Benzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Bromodichloromethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Bromoform	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Bromomethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Carbon Disulfide	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Carbon Tetrachloride	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Chlorobenzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Dibromochloromethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4 *	<4.0 *	<4.3 *
Chloroethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Chloroform	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Chloromethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
cis-1,2-Dichloroethene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
cis-1,3-Dichloropropene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Cyclohexane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Dichlorodifluoromethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Ethylbenzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	0.31 J B	<4.0	<4.3
Isopropylbenzene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Methyl Acetate	<4.0	<4.1	<4.3	<4.8	<4.3	41	<4.4	<4.0	<4.3
Methyl tert-Butyl Ether	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Methylcyclohexane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Methylene Chloride	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Styrene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Tetrachloroethene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Toluene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
trans-1,2-Dichloroethene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
trans-1,3-Dichloropropene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Trichloroethene	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Trichlorofluoromethane	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Vinyl Chloride	<4.0	<4.1	<4.3	<4.8	<4.3	<36	<4.4	<4.0	<4.3
Xylenes, Total	<7.9	<8.2	<8.5	<9.7	<8.6	<73	1.2 J B	0.96 J B	0.99 J B

Table 6.1, Page 5
Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064	AS-CONF-14-0065
Field Sample ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064	AS-CONF-14-0065
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,1,2,2-Tetrachloroethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,1,2-Trichloroethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,1-Dichloroethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,1-Dichloroethene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,2,4-Trichlorobenzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,2-Dibromo-3-chloropropane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,2-Dibromoethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,2-Dichlorobenzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,2-Dichloroethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,2-Dichloropropane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,3-Dichlorobenzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
1,4-Dichlorobenzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
2-Hexanone	<20	<20	<20	<21	<21	<21	<20	<20	<18
2-Butanone	<20	<20	<20	<21	<21	<21	<20	<20	<18
4-Methyl-2-pentanone	<20	<20	<20	<21	<21	<21	<20	<20	<18
Acetone	<20	<20	<20	<21	<21	<21	<20	<20	<18
Benzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Bromodichloromethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Bromoform	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Bromomethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Carbon Disulfide	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Carbon Tetrachloride	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Chlorobenzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Dibromochloromethane	<4.1 *	<4.1 *	<4.0 *	<4.2 *	<4.1 *	<4.1 *	<4.0 *	<3.9 *	<3.7 *
Chloroethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Chloroform	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Chloromethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
cis-1,2-Dichloroethene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
cis-1,3-Dichloropropene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Cyclohexane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Dichlorodifluoromethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Ethylbenzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Isopropylbenzene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Methyl Acetate	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Methyl tert-Butyl Ether	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Methylcyclohexane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Methylene Chloride	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Styrene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Tetrachloroethene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Toluene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
trans-1,2-Dichloroethene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
trans-1,3-Dichloropropene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Trichloroethene	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Trichlorofluoromethane	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Vinyl Chloride	<4.1	<4.1	<4.0	<4.2	<4.1	<4.1	<4.0	<3.9	<3.7
Xylenes, Total	0.91 J B	0.88 J B	0.83 J B	0.84 J B	0.78 J B	0.71 J B	<8.1	<7.8	<7.4

Table 6.1, Page 6
Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073	AS-CONF-14-0074
Field Sample ID	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073	AS-CONF-14-0074
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,1,2,2-Tetrachloroethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,1,2-Trichloroethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,1-Dichloroethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,1-Dichloroethene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,2,4-Trichlorobenzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,2-Dibromo-3-chloropropane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,2-Dibromoethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,2-Dichlorobenzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,2-Dichloroethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,2-Dichloropropane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,3-Dichlorobenzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
1,4-Dichlorobenzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
2-Hexanone	<20	<19	<20	<21	<23	<22	<21	<23	<21
2-Butanone	<20	<19	<20	<21	<23	<22	<21	<23	<21
4-Methyl-2-pentanone	<20	<19	<20	<21	<23	<22	<21	<23	<21
Acetone	<20	<19	<20	<21	<23	<22	<21	<23	<21
Benzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Bromodichloromethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Bromoform	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Bromomethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Carbon Disulfide	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Carbon Tetrachloride	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Chlorobenzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Dibromochloromethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Chloroethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Chloroform	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Chloromethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
cis-1,2-Dichloroethene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
cis-1,3-Dichloropropene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Cyclohexane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Dichlorodifluoromethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Ethylbenzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Isopropylbenzene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Methyl Acetate	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Methyl tert-Butyl Ether	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Methylcyclohexane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Methylene Chloride	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Styrene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Tetrachloroethene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Toluene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
trans-1,2-Dichloroethene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
trans-1,3-Dichloropropene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Trichloroethene	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Trichlorofluoromethane	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Vinyl Chloride	<3.9	<3.8	<4.0	<4.2	<4.7	<4.3	<4.1	<4.5	<4.2
Xylenes, Total	<7.8	<7.7	<8.0	<8.4	<9.3	<8.6	<8.2	<9.1	<8.5

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Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083
Field Sample ID	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,1,2,2-Tetrachloroethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,1,2-Trichloroethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,1-Dichloroethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,1-Dichloroethene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,2,4-Trichlorobenzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,2-Dibromo-3-chloropropane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,2-Dibromoethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,2-Dichlorobenzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,2-Dichloroethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,2-Dichloropropane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,3-Dichlorobenzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
1,4-Dichlorobenzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
2-Hexanone	<22	<24	<22	<21	<19	<18	<20	<21	<20
2-Butanone	<22	<24	<22	<21	<19	<18	<20	<21	<20
4-Methyl-2-pentanone	<22	<24	<22	<21	<19	<18	<20	<21	<20
Acetone	<22	<24	<22	<21	<19	<18	<20	<21	<20
Benzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Bromodichloromethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Bromoform	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Bromomethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Carbon Disulfide	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Carbon Tetrachloride	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Chlorobenzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Dibromochloromethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Chloroethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Chloroform	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Chloromethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
cis-1,2-Dichloroethene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
cis-1,3-Dichloropropene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Cyclohexane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Dichlorodifluoromethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Ethylbenzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Isopropylbenzene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Methyl Acetate	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Methyl tert-Butyl Ether	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Methylcyclohexane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Methylene Chloride	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Styrene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Tetrachloroethene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Toluene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
trans-1,2-Dichloroethene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
trans-1,3-Dichloropropene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Trichloroethene	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Trichlorofluoromethane	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Vinyl Chloride	<4.3	<4.9	<4.4	<4.1	<3.8	<3.6	<3.9	<4.2	<3.9
Xylenes, Total	<8.6	<9.8	<8.7	<8.3	<7.5	<7.3	<7.9	<8.3	<7.8

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Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092
Field Sample ID	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/29/2014	8/29/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,1,2,2-Tetrachloroethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,1,2-Trichloroethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,1-Dichloroethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,1-Dichloroethene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,2,4-Trichlorobenzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,2-Dibromo-3-chloropropane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,2-Dibromoethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,2-Dichlorobenzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,2-Dichloroethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,2-Dichloropropane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,3-Dichlorobenzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
1,4-Dichlorobenzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
2-Hexanone	<21	<19	<20	<20	<19	<19	<20	<20	<19
2-Butanone	<21	<19	<20	<20	<19	<19	<20	<20	<19
4-Methyl-2-pentanone	<21	<19	<20	<20	<19	<19	<20	<20	<19
Acetone	<21	<19	<20	<20	<19	<19	<20	<20	<19
Benzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Bromodichloromethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Bromoform	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Bromomethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Carbon Disulfide	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Carbon Tetrachloride	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Chlorobenzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Dibromochloromethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Chloroethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Chloroform	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Chloromethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
cis-1,2-Dichloroethene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
cis-1,3-Dichloropropene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Cyclohexane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Dichlorodifluoromethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Ethylbenzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Isopropylbenzene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Methyl Acetate	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Methyl tert-Butyl Ether	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Methylcyclohexane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Methylene Chloride	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Styrene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Tetrachloroethene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Toluene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
trans-1,2-Dichloroethene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
trans-1,3-Dichloropropene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Trichloroethene	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Trichlorofluoromethane	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Vinyl Chloride	<4.1	<3.9	<4.1	<3.9	<3.9	<3.8	<4.1	<3.9	<3.8
Xylenes, Total	<8.3	<7.8	<8.1	<7.8	<7.7	<7.7	<8.1	<7.9	<7.6

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Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R
Field Sample ID	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	8/29/2014	8/29/2014	8/29/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,1,2,2-Tetrachloroethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,1,2-Trichloroethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,1-Dichloroethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,1-Dichloroethene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,2,4-Trichlorobenzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,2-Dibromo-3-chloropropane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,2-Dibromoethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,2-Dichlorobenzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,2-Dichloroethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,2-Dichloropropane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,3-Dichlorobenzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
1,4-Dichlorobenzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
2-Hexanone	<19	<21	<21	<21	<20	<20	<22	<22	<18
2-Butanone	<19	<21	<21	<21	<20	<20	<22	<22	<18
4-Methyl-2-pentanone	<19	<21	<21	<21	<20	<20	<22	<22	<18
Acetone	<19	7.4 J	<21	4.5 J	<20	<20	<22	<22	<18
Benzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Bromodichloromethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Bromoform	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Bromomethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Carbon Disulfide	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Carbon Tetrachloride	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Chlorobenzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Dibromochloromethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Chloroethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Chloroform	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Chloromethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
cis-1,2-Dichloroethene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
cis-1,3-Dichloropropene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Cyclohexane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Dichlorodifluoromethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Ethylbenzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Isopropylbenzene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Methyl Acetate	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Methyl tert-Butyl Ether	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Methylcyclohexane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Methylene Chloride	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Styrene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Tetrachloroethene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Toluene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
trans-1,2-Dichloroethene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
trans-1,3-Dichloropropene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Trichloroethene	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Trichlorofluoromethane	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Vinyl Chloride	<3.9	<4.3	<4.2	<4.3	<4.1	<4.1	<4.4	<4.4	<3.6
Xylenes, Total	<7.8	<8.5	<8.4	<8.6	<8.2	<8.2	<8.8	<8.7	<7.2

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Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R
Field Sample ID	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,1,2,2-Tetrachloroethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,1,2-Trichloroethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,1-Dichloroethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,1-Dichloroethene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,2,4-Trichlorobenzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,2-Dibromo-3-chloropropane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,2-Dibromoethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,2-Dichlorobenzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,2-Dichloroethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,2-Dichloropropane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,3-Dichlorobenzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
1,4-Dichlorobenzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
2-Hexanone	<21	<18	<21	<25	<24	<21	<17	<22	<21
2-Butanone	<21	<18	<21	<25	<24	<21	<17	<22	<21
4-Methyl-2-pentanone	<21	<18	<21	<25	<24	<21	<17	<22	<21
Acetone	<21	<18	<21	<25	<24	<21	<17	17 J	<21
Benzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Bromodichloromethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Bromoform	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Bromomethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Carbon Disulfide	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Carbon Tetrachloride	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Chlorobenzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Dibromochloromethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Chloroethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Chloroform	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Chloromethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
cis-1,2-Dichloroethene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
cis-1,3-Dichloropropene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Cyclohexane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Dichlorodifluoromethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Ethylbenzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Isopropylbenzene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Methyl Acetate	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Methyl tert-Butyl Ether	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Methylcyclohexane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Methylene Chloride	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Styrene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Tetrachloroethene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Toluene	0.71 J	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
trans-1,2-Dichloroethene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
trans-1,3-Dichloropropene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Trichloroethene	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Trichlorofluoromethane	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Vinyl Chloride	<4.1	<3.7	<4.3	<5.0	<4.8	<4.2	<3.4	<4.5	<4.2
Xylenes, Total	<8.3	<7.3	<8.5	<10	<9.6	<8.4	<6.8	<9.0	<8.5

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Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R
Field Sample ID	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	10/29/2014	10/29/2014	10/29/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	11/6/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,1,2,2-Tetrachloroethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,1,2-Trichloroethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,1,2-Trichloro-1,2,2-trifluoroethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,1-Dichloroethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,1-Dichloroethene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,2,4-Trichlorobenzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,2-Dibromo-3-chloropropane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,2-Dibromoethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,2-Dichlorobenzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,2-Dichloroethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,2-Dichloropropane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,3-Dichlorobenzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
1,4-Dichlorobenzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
2-Hexanone	<20	<20	<21	<19	<24	<17	<20	<17	<22
2-Butanone	<20	<20	<21	<19	<24	<17	<20	<17	<22
4-Methyl-2-pentanone	<20	<20	<21	<19	<24	<17	<20	<17	<22
Acetone	<20	<20	5.9 J	<19	<24	<17	<20	<17	<22
Benzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Bromodichloromethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Bromoform	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Bromomethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Carbon Disulfide	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Carbon Tetrachloride	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Chlorobenzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Dibromochloromethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Chloroethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Chloroform	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Chloromethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
cis-1,2-Dichloroethene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
cis-1,3-Dichloropropene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Cyclohexane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Dichlorodifluoromethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Ethylbenzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Isopropylbenzene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Methyl Acetate	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Methyl tert-Butyl Ether	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Methylcyclohexane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Methylene Chloride	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Styrene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Tetrachloroethene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Toluene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
trans-1,2-Dichloroethene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
trans-1,3-Dichloropropene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Trichloroethene	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Trichlorofluoromethane	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Vinyl Chloride	<3.9	<3.9	<4.1	<3.9	<4.7	<3.4	<4.0	<3.4	<4.3
Xylenes, Total	<7.8	<7.9	<8.3	<7.8	<9.4	<6.9	<8.0	<6.7	<8.7

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Confirmatory Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Field Sample ID	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	11/6/2014	11/6/2014	11/6/2014	11/6/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,1,1-Trichloroethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,1,2,2-Tetrachloroethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,1,2-Trichloroethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,1-Dichloroethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,1-Dichloroethene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,2,4-Trichlorobenzene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,2-Dibromo-3-chloropropane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,2-Dibromoethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,2-Dichlorobenzene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,2-Dichloroethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,2-Dichloropropane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,3-Dichlorobenzene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
1,4-Dichlorobenzene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
2-Hexanone	<24	<1200	<140	<22	<22	<21	<22	<23
2-Butanone	<24	<1200	<140	<22	<22 *	<21	<22	<23
4-Methyl-2-pentanone	<24	<1200	<140	<22	<22	<21	<22	<23
Acetone	<24	<1200	<140	15 J	<5.7	3.7 J	4.6 J	11 J
Benzene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Bromodichloromethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Bromoform	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Bromomethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Carbon Disulfide	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Carbon Tetrachloride	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Chlorobenzene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Dibromochloromethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Chloroethane	<4.7	<250 *	<27 *	<4.4	<5.7 *	<4.1	<4.8	<4.6
Chloroform	<4.7	<250	<27	<4.4	0.46 J	<4.1	<4.8	<4.6
Chloromethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
cis-1,2-Dichloroethene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
cis-1,3-Dichloropropene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Cyclohexane	<4.7	1400	<27	89	<5.7	<4.1	<4.8	<4.6
Dichlorodifluoromethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Ethylbenzene	<4.7	<250	<27	0.46 J	<5.7	<4.1	<4.8	<4.6
Isopropylbenzene	<4.7	180 J	49	2.0 J	<5.7	<4.1	<4.8	<4.6
Methyl Acetate	<4.7	<250	<27	<4.4	<5.7	<4.1	4.4 J	<4.6
Methyl tert-Butyl Ether	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Methylcyclohexane	<4.7	14000	5100 E	270 E	<5.7	<4.1	<4.8	<4.6
Methylene Chloride	<4.7	<250	<27	<4.4	4.6 J	<4.1	<4.8	<4.6
Styrene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Tetrachloroethene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Toluene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
trans-1,2-Dichloroethene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
trans-1,3-Dichloropropene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Trichloroethene	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Trichlorofluoromethane	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Vinyl Chloride	<4.7	<250	<27	<4.4	<5.7	<4.1	<4.8	<4.6
Xylenes, Total	<9.5	350 J	39 J	4.8 J	<11	<8.2	<9.5	<9.3

Notes:

Bold - Indicates analyte detected by laboratory.

U - Not detected at laboratory method detection limit.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

E - Result exceeded calibration range.

* - Instrument related QC is outside acceptance limits.

Table 6.2
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Field Sample ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	6/17/2014	6/17/2014	6/17/2014	6/17/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
bis (2-chloroisopropyl) ether	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2,4,5-Trichlorophenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2,4,6-Trichlorophenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2,4-Dichlorophenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2,4-Dimethylphenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2,4-Dinitrophenol	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
2,4-Dinitrotoluene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2,6-Dinitrotoluene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2-Chloronaphthalene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2-Chlorophenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2-Methylnaphthalene	4.1 J	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2-Methylphenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
2-Nitroaniline	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
2-Nitrophenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
3,3'-Dichlorobenzidine	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
4,6-Dinitro-2-methylphenol	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
4-Bromophenyl phenyl ether	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
4-Chloro-3-methylphenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
4-Chloroaniline	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
4-Chlorophenyl phenyl ether	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
4-Methylphenol	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
4-Nitroaniline	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
4-Nitrophenol	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
Acenaphthene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	32 J
Acenaphthylene	3.6 J	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Acetophenone	<190	<180	<190	4.4 J	<4000	<1100	<1000	<1100	<1100
Anthracene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	78 J B
Atrazine	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Benzaldehyde	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Benzo[a]anthracene	19 J	<180	6.9 J	<180	180 J	71 J	50 J	57 J	190 J
Benzo[a]pyrene	21 J*	<180	<190	19 J*	<4000	<1100	<1000	<1100	140 J*
Benzo[b]fluoranthene	26 J*	<180	<190	<180 *	210 J*	<1100	<1000	<1100	200 J*
Benzo[g,h,i]perylene	<190	<180	<190	<180 *	<4000	<1100	<1000	<1100	<1100
Benzo[k]fluoranthene	20 J*	<180	<190	<180 *	150 J*	<1100	<1000	<1100	110 J*
Bis(2-chloroethoxy)methane	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Bis(2-chloroethyl)ether	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Bis(2-ethylhexyl) phthalate	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Butyl benzyl phthalate	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Caprolactam	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Carbazole	4.2 J	<180	2.3 J	2.3 J	<4000	<1100	<1000	<1100	<1100
Chrysene	29 J	<180	12 J	33 J	150 J	45 J	44 J	49 J	180 J
Di-n-butyl phthalate	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Di-n-octyl phthalate	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Dibenz(a,h)anthracene	<190 *	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Dibenzofuran	3.5 J	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Diethyl phthalate	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Dimethyl phthalate	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Fluoranthene	47 J B	4.2 J B	10 J B	35 J B	220 J	100 J	77 J	88 J	440 J
Fluorene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Hexachlorobenzene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Hexachlorobutadiene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Hexachlorocyclopentadiene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Hexachloroethane	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Indeno[1,2,3-cd]pyrene	19 J*	<180	<190	<180 *	<4000	<1100	<1000	<1100	<1100
Isophorone	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
N-Nitrosodi-n-propylamine	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
N-Nitrosodiphenylamine	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Naphthalene	6.2 J	3.2 J	3.3 J	<180	<4000	<1100	<1000	<1100	<1100
Nitrobenzene	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Pentachlorophenol	<360	<360	<360	<350	<7800	<2200	<2000	<2100	<2100
Phenanthrene	30 J	6.6 J	9.0 J	22 J	<4000	79 J B	51 J B	51 J B	370 J B
Phenol	<190	<180	<190	<180	<4000	<1100	<1000	<1100	<1100
Pyrene	48 J B	<180	10 J B	46 J B	220 J	110 J	81 J	89 J	490 J

Table 6.2, Page 2
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Field Sample ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	6/19/2014	6/19/2014	6/19/2014	7/15/2014	7/15/2014	7/15/2014	7/15/2014	7/30/2014	7/30/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
bis (2-chloroisopropyl) ether	<3900	<2300	<2200	<110	<120	<120	<110	<210	<200
2,4,5-Trichlorophenol	<3900	<2300	<2200	<170	<180	<180	<170	<210	<200
2,4,6-Trichlorophenol	<3900	<2300	<2200	<170	<180	<180	<170	<210	<200
2,4-Dichlorophenol	<3900	<2300	<2200	<170	<180	<180	<170	<210	<200
2,4-Dimethylphenol	<3900	<2300	<2200	<170	<180	<180	<170	<210	<200
2,4-Dinitrophenol	<7600	<4500	<2200	<380	<390	<390	<380	<400	<380
2,4-Dinitrotoluene	<3900	<2300	<2200	<230	<240	<240	<230	<210	<200
2,6-Dinitrotoluene	<3900	<2300	<2200	<230	<240	<240	<230	<210	<200
2-Chloronaphthalene	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
2-Chlorophenol	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
2-Methylnaphthalene	<3900	<2300	<2200	<7.6	<7.9	<7.9	<7.6	<210	<200
2-Methylphenol	<3900	<2300	<2200	<230	<240	<240	<230	<210	<200
2-Nitroaniline	<7600	<4500	<4300	<230	<240	<240	<230	<400	<380
2-Nitrophenol	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
3,3'-Dichlorobenzidine	<3900	<2300	<2200	<110	<120	<120	<110	<210	<200
3-Methylphenol	NA	NA	NA	<460	<470	<470	<460	NA	NA
3-Nitroaniline	<7600	<4500	<4300	<230	<240	<240	<230	<400	<380
4,6-Dinitro-2-methylphenol	<7600	<4500	<4300	<170	<180	<180	<170	<400	<380
4-Bromophenyl phenyl ether	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
4-Chloro-3-methylphenol	<3900	<2300	<2200	<170	<180	<180	<170	<210	<200
4-Chloroaniline	<3900	<2300	<2200	<170	<180	<180	<170	<210	<200
4-Chlorophenyl phenyl ether	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
4-Methylphenol	<7600	<4500	<4300	<460	<470	<470	<460	<400	<380
4-Nitroaniline	<7600	<4500	<4300	<230	<240	<240	<230	<400	<380
4-Nitrophenol	<7600	<4500	<4300	<380	<390	<390	<380	<400	<380
Acenaphthene	<3900	<2300	<2200	<7.6	<7.9	5.5 J	<7.6	15 J	<200
Acenaphthylene	<3900	<2300	<2200	<7.6	<7.9	<7.9	<7.6	<210	<200
Acetophenone	<3900	<2300	<2200	<110	<120	<120	<110	<210	<200
Anthracene	<3900	<2300	<2200	<7.6	<7.9	<7.9	4.5 J	43 J	14 J
Atrazine	<3900	<2300	<2200	<230	<240	<240	<230	<210	<200
Benzaldehyde	<3900	<2300	<2200	<110	<120	<120	<110	<210	<200
Benzo[a]anthracene	410 J	270 J	230 J	<7.6	<7.9	16	<7.6	110 J	76 J
Benzo[a]pyrene	<3900	<2300	<2200	<7.6	<7.9	16	<7.6	94 J	80 J
Benzo[b]fluoranthene	<3900	<2300	380 J*	<7.6	<7.9	25	<7.6	150 J	140 J
Benzo[g,h,i]perylene	<3900	<2300	<2200	<7.6	<7.9	9.4	<7.6	39 J	39 J
Benzo[k]fluoranthene	<3900	<2300	<2200	<7.6	<7.9	<7.9	<7.6	54 J	46 J
Bis(2-chloroethoxy)methane	<3900	<2300	<2200	<110	<120	<120	<110	<210	<200
Bis(2-chloroethyl)ether	<3900	<2300	<2200	<110	<120	<120	<110	<210	<200
Bis(2-ethylhexyl) phthalate	<3900	<2300	<2200	<80	<83	<83	<80	<210	<200
Butyl benzyl phthalate	<3900	<2300	<2200	<80	<83	<83	<80	<210	58 J
Caprolactam	<3900	<2300	<2200	<380	<390	<390	<380	<210	<200
Carbazole	<3900	<2300	<2200	<57	<59	<59	<57	15 J	<200
Chrysene	340 J	230 J	210 J	<7.6	<7.9	19	<7.6	<210	93 J
Di-n-butyl phthalate	<3900	<2300	<2200	<80	<83	<83	<80	<210	<200
Di-n-octyl phthalate	<3900	<2300	<2200	<80	<83	<83	<80	<210	<200
Dibenz[a,h]anthracene	<3900	<2300	<2200	<7.6	<7.9	<7.9	<7.6	13 J	9.9 J
Dibenzofuran	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
Diethyl phthalate	<3900	<2300	<2200	<80	<83	<83	<80	<210	<200
Dimethyl phthalate	<3900	<2300	<2200	<80	<83	<83	<80	<210	<200
Fluoranthene	800 J	460 J	390 J	4.5 J	<7.9	39	47	250	160 J
Fluorene	<3900	<2300	<2200	<7.6	<7.9	<7.9	<7.6	21 J	<200
Hexachlorobenzene	<3900	<2300	<2200	<7.6	<7.9	<7.9	<7.6	<210	<200
Hexachlorobutadiene	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
Hexachlorocyclopentadiene	<3900	<2300	<2200	<380	<390	<390	<380	<210	<200
Hexachloroethane	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
Indeno[1,2,3-cd]pyrene	<3900	<2300	<2200	<7.6	<7.9	<7.9	11	35 J	33 J
Isophorone	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
N-Nitrosodi-n-propylamine	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
N-Nitrosodiphenylamine	<3900	<2300	<2200	<57	<59	<59	<57	<210	<200
Naphthalene	<3900	<2300	<2200	<7.6	<7.9	<7.9	<7.6	<210	<200
Nitrobenzene	<3900	<2300	<2200	<110	<120	<120	<110	<210	<200
Pentachlorophenol	<7600	<4500	<4300	<170	<180	<180	<170	<400	<200
Phenanthrene	590 J B	210 J B	230 J B	<7.6	<7.9	26	27	200 J	96 J
Phenol	<3900	<2300	<2200	<7.6	<59	<59	<7.6	<210	<7.6
Pyrene	820 J	500 J	390 J	4.4 J	<7.9	32	39	170 J	110 J

Table 6.2, Page 3
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Field Sample ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	7/30/2014	7/31/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<200	<210	<210	<210	<190	<190	<190	<200	<180
bis (2-chloroisopropyl) ether	<200	<210	<210	<210	<190	<190	<190	<200	<180
2,4,5-Trichlorophenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
2,4,6-Trichlorophenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
2,4-Dichlorophenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
2,4-Dimethylphenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
2,4-Dinitrophenol	<390	<400	<410	<400	<370	<370	<360	<390	<350
2,4-Dinitrotoluene	<200	<210	<210	<210	<190	<190	<190	<200	<180
2,6-Dinitrotoluene	<200	<210	<210	<210	<190	<190	<190	<200	<180
2-Chloronaphthalene	<200	<210	<210	<210	<190	<190	<190	<200	<180
2-Chlorophenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
2-Methylnaphthalene	14 J	15 J	<210	<210	<190	<190	<190	<200	<180
2-Methylphenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
2-Nitroaniline	<390	<400	<410	<400	<370	<370	<360	<390	<350
2-Nitrophenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
3,3'-Dichlorobenzidine	<200	<210	<210	<210	<190	<190	<190	<200	<180
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<390	<400	<410	<400	<370	<370	<360	<390	<350
4,6-Dinitro-2-methylphenol	<390	<400	<410	<400	<370	<370	<360	<390	<350
4-Bromophenyl phenyl ether	<200	<210	<210	<210	<190	<190	<190	<200	<180
4-Chloro-3-methylphenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
4-Chloroaniline	<200	<210	<210	<210	<190	<190	<190	<200	<180
4-Chlorophenyl phenyl ether	<200	<210	<210	<210	<190	<190	<190	<200	<180
4-Methylphenol	<390	<400	<410	<400	<370	<370	<360	<390	<350
4-Nitroaniline	<390	<400	<410	<400	<370	<370	<360	<390	<350
4-Nitrophenol	<390	<400	<410	<400	<370	<370	<360	<390	<350
Acenaphthene	22 J	33 J	<210	<210	<190	<190	<190	<200	<180
Acenaphthylene	<200	<210	<210	<210	<190	<190	<190	<200	<180
Acetophenone	<200	<210	<210	<210	<190	<190	<190	<200	<180
Anthracene	64 J	98 J	<210	<210	<190	<190	<190	<200	<180
Atrazine	<200	<210	<210	<210	<190	<190	<190	<200	<180
Benzaldehyde	<200	<210	<210	<210	<190	<190	<190	<200	<180
Benzo[a]anthracene	220	320	<210	<210	17 J	<190	<190	16 J	<180
Benzo[a]pyrene	220	320	<210	<210	9.3 J	<190	<190	11 J	<180
Benzo[b]fluoranthene	400	560	<210	<210	15 J	<190	<190	18 J	<180
Benzo[g,h,i]perylene	87 J	140 J	<210	<210	<190	<190	<190	<200	<180
Benzo[k]fluoranthene	180 J	230	<210	<210	5.9 J	<190	<190	8.6 J	<180
Bis(2-chloroethoxy)methane	<200	<210	<210	<210	<190	<190	<190	<200	<180
Bis(2-chloroethyl)ether	<200	<210	<210	<210	<190	<190	<190	<200	<180
Bis(2-ethylhexyl) phthalate	<200	<210	<210	<210	<190	<190	<190	<200	<180
Butyl benzyl phthalate	<200	<210	<210	<210	<190	<190	<190	<200	<180
Caprolactam	<200	<210	<210	<210	<190	<190	<190	<200	<180
Carbazole	57 J	60 J	<210	<210	<190	<190	<190	<200	<180
Chrysene	290	340	<210	<210	10 J	<190	<190	15 J	<180
Di-n-butyl phthalate	<200	<210	<210	<210	<190	<190	<190	<200	<180
Di-n-octyl phthalate	<200	<210	<210	<210	<190	<190	<190	<200	<180
Dibenz(a,h)anthracene	23 J	40 J	<210	<210	<190	<190	<190	<200	<180
Dibenzofuran	36 J	27 J	<210	<210	<190	<190	<190	<200	<180
Diethyl phthalate	<200	<210	<210	<210	<190	<190	<190	<200	<180
Dimethyl phthalate	<200	<210	<210	<210	<190	<190	<190	<200	<180
Fluoranthene	670	770	<210	<210	27 J	<190	<190	31 J	<180
Fluorene	27 J	40 J	<210	<210	<190	<190	<190	<200	<180
Hexachlorobenzene	<200	<210	<210	<210	<190	<190	<190	<200	<180
Hexachlorobutadiene	<200	<210	<210	<210	<190	<190	<190	<200	<180
Hexachlorocyclopentadiene	<200	<210	<210	<210	<190	<190	<190	<200	<180
Hexachloroethane	<200	<210	<210	<210	<190	<190	<190	<200	<180
Indeno[1,2,3-cd]pyrene	74 J	120 J	<210	<210	7.0 J	<190	<190	6.6 J	<180
Isophorone	<200	<210	<210	<210	<190	<190	<190	<200	<180
N-Nitrosodi-n-propylamine	<200	<210	<210	<210	<190	<190	<190	<200	<180
N-Nitrosodiphenylamine	<200	<210	<210	<210	<190	<190	<190	<200	<180
Naphthalene	25 J	18 J	<210	<210	<190	<190	<190	<200	<180
Nitrobenzene	<200	<210	<210	<210	<190	<190	<190	<200	<180
Pentachlorophenol	<390	<400	<410	<400	<370	<370	<360	<390	<350
Phenanthrene	520	480	<210	<210	18 J	<190	<190	14 J	<180
Phenol	<200	<210	<210	<210	<190	<190	<190	<200	<180
Pyrene	460	560	<210	<210	<190	<190	<190	19 J	<180

Table 6.2, Page 4
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055
Field Sample ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/14/2014	8/14/2014	8/26/2014	8/26/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<180	<210	<200	<180	<190	3000	3000	<190	<180
bis (2-chloroisopropyl) ether	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2,4,5-Trichlorophenol	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2,4,6-Trichlorophenol	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2,4-Dichlorophenol	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2,4-Dimethylphenol	<180	<210	<200	<180	<190	22000	22000	<190	<180
2,4-Dinitrophenol	<350	<400	<390	<360	<370	<2200	<2200	<360	<350
2,4-Dinitrotoluene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2,6-Dinitrotoluene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2-Chloronaphthalene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2-Chlorophenol	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2-Methylnaphthalene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
2-Methylphenol	<180	<210	<200	<180	<190	9800	9800	<190	<180
2-Nitroaniline	<350	<400	<390	<360	<370	<2200	<2200	<360	<350
2-Nitrophenol	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
3,3'-Dichlorobenzidine	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<350	<400	<390	<360	<370	<2200	<2200	<360	<350
4,6-Dinitro-2-methylphenol	<350	<400	<390	<360	<370	<2200 *	<2200 *	<360	<350
4-Bromophenyl phenyl ether	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
4-Chloro-3-methylphenol	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
4-Chloroaniline	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
4-Chlorophenyl phenyl ether	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
4-Methylphenol	<350	<400	<390	<360	<370	30000	30000	<360	<350
4-Nitroaniline	<350	<400	<390	<360	<370	<2200	<2200	<360	<350
4-Nitrophenol	<350	<400	<390	<360	<370	<2200	<2200	<360	<350
Acenaphthene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Acenaphthylene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Acetophenone	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Anthracene	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Atrazine	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Benzaldehyde	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Benzo[a]anthracene	<180	24 J	<200	<180	14 J	<1100 *	<1100 *	<190	<180
Benzo[a]pyrene	<180	19 J	<200	<180	12 J	<1100 *	<1100 *	<190	<180
Benzo[b]fluoranthene	<180	28 J	<200	<180	23 J	<1100 *	<1100 *	<190	<180
Benzo[g,h,i]perylene	<180	12 J	<200	<180	<190	<1100 *	<1100 *	<190	<180
Benzo[k]fluoranthene	<180	13 J	<200	<180	7.5 J	<1100 *	<1100 *	<190	<180
Bis(2-chloroethoxy)methane	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Bis(2-chloroethyl)ether	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Bis(2-ethylhexyl) phthalate	<180	<210	<200	<180	<190	8100 *	8100 *	<190	<180
Butyl benzyl phthalate	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Caprolactam	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Carbazole	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Chrysene	<180	29 J	<200	<180	14 J	2200 *	2200 *	<190	<180
Di-n-butyl phthalate	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Di-n-octyl phthalate	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Dibenz(a,h)anthracene	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Dibenzofuran	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Diethyl phthalate	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Dimethyl phthalate	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Fluoranthene	<180	42 J	<200	<180	32 J	<1100 *	<1100 *	<190	<180
Fluorene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Hexachlorobenzene	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Hexachlorobutadiene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Hexachlorocyclopentadiene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Hexachloroethane	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Indeno[1,2,3-cd]pyrene	<180	11 J	<200	<180	<190	<1100 *	<1100 *	<190	<180
Isophorone	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
N-Nitrosodi-n-propylamine	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
N-Nitrosodiphenylamine	<180	<210	<200	<180	<190	<1100 *	<1100 *	<190	<180
Naphthalene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Nitrobenzene	<180	<210	<200	<180	<190	<1100	<1100	<190	<180
Pentachlorophenol	<350	<400	<390	<360	<370	<2200 *	<2200 *	<360	<350
Phenanthrene	<180	15 J	<200	<180	22 J	<1100 *	<1100 *	<190	<180
Phenol	<180	<210	<200	<180	<190	11000	11000	<190	<180
Pyrene	<180	37 J	<200	<180	21 J	<1100 *	<1100 *	<190	<180

Table 6.2, Page 5
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0056	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064
Field Sample ID	AS-CONF-14-0056	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<190	<180	<190	<190	<190	<180	<190	<190	<180
bis (2-chloroisopropyl) ether	<190	<180	<190	<190	<190	<180	<190	<190	<180
2,4,5-Trichlorophenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
2,4,6-Trichlorophenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
2,4-Dichlorophenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
2,4-Dimethylphenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
2,4-Dinitrophenol	<360	<350	<360	<360	<360	<350	<370	<360	<350
2,4-Dinitrotoluene	<190	<180	<190	<190	<190	<180	<190	<190	<180
2,6-Dinitrotoluene	<190	<180	<190	<190	<190	<180	<190	<190	<180
2-Chloronaphthalene	<190	<180	<190	<190	<190	<180	<190	<190	<180
2-Chlorophenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
2-Methylnaphthalene	<190	<180	<190	<190	<190	<180	<190	<190	<180
2-Methylphenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
2-Nitroaniline	<360	<350	<360	<360	<360	<350	<370	<360	<350
2-Nitrophenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
3,3'-Dichlorobenzidine	<190	<180	<190	<190	<190	<180	<190	<190	<180
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<360	<350	<360	<360	<360	<350	<370	<360	<350
4,6-Dinitro-2-methylphenol	<360	<350	<360	<360	<360	<350	<370	<360	<350
4-Bromophenyl phenyl ether	<190	<180	<190	<190	<190	<180	<190	<190	<180
4-Chloro-3-methylphenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
4-Chloroaniline	<190	<180	<190	<190	<190	<180	<190	<190	<180
4-Chlorophenyl phenyl ether	<190	<180	<190	<190	<190	<180	<190	<190	<180
4-Methylphenol	<360	<350	<360	<360	<360	<350	<370	<360	<350
4-Nitroaniline	<360	<350	<360	<360	<360	<350	<370	<360	<350
4-Nitrophenol	<360	<350	<360	<360	<360	<350	<370	<360	<350
Acenaphthene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Acenaphthylene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Acetophenone	<190	<180	<190	<190	<190	<180	<190	<190	<180
Anthracene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Atrazine	<190	<180	<190	<190	<190	<180	<190	<190	<180
Benzaldehyde	<190	<180	<190	<190	<190	<180	<190	<190	<180
Benzo[a]anthracene	<190	<180	<190	32 J	<190	<180	<190	<190	<180
Benzo[a]pyrene	<190	<180	<190	31 J	<190	<180	<190	<190	<180
Benzo[b]fluoranthene	<190	<180	<190	48 J	<190	<180	<190	<190	<180
Benzo[g,h,i]perylene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Benzo[k]fluoranthene	<190	<180	<190	31 J	<190	<180	<190	<190	<180
Bis(2-chloroethoxy)methane	<190	<180	<190	<190	<190	<180	<190	<190	<180
Bis(2-chloroethyl)ether	<190	<180	<190	<190	<190	<180	<190	<190	<180
Bis(2-ethylhexyl) phthalate	<190	<180	<190	<190	<190	<180	<190	<190	<180
Butyl benzyl phthalate	<190	<180	<190	<190	<190	<180	<190	<190	<180
Caprolactam	<190	<180	<190	<190	<190	<180	<190	<190	<180
Carbazole	<190	<180	<190	<190	<190	<180	<190	<190	<180
Chrysene	<190	<180	<190	36 J	<190	<180	<190	<190	<180
Di-n-butyl phthalate	<190	<180	<190	<190	<190	<180	<190	<190	<180
Di-n-octyl phthalate	<190	<180	<190	7.4 J	<190	<180	<190	<190	<180
Dibenz(a,h)anthracene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Dibenzofuran	<190	<180	<190	<190	<190	<180	<190	<190	<180
Diethyl phthalate	<190	<180	<190	<190	<190	<180	<190	<190	<180
Dimethyl phthalate	<190	<180	<190	<190	<190	<180	<190	<190	<180
Fluoranthene	<190	<180	<190	47 J	<190	<180	<190	<190	<180
Fluorene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Hexachlorobenzene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Hexachlorobutadiene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Hexachlorocyclopentadiene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Hexachloroethane	<190	<180	<190	<190	<190	<180	<190	<190	<180
Indeno[1,2,3-cd]pyrene	<190	<180	<190	35 J	<190	<180	<190	<190	<180
Isophorone	<190	<180	<190	<190	<190	<180	<190	<190	<180
N-Nitrosodi-n-propylamine	<190	<180	<190	<190	<190	<180	<190	<190	<180
N-Nitrosodiphenylamine	<190	<180	<190	<190	<190	<180	<190	<190	<180
Naphthalene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Nitrobenzene	<190	<180	<190	<190	<190	<180	<190	<190	<180
Pentachlorophenol	<360	<350	<360	<360	<360	<350	<370	<360	<350
Phenanthrene	<190	<180	<190	22 J	<190	<180	<190	<190	<180
Phenol	<190	<180	<190	<190	<190	<180	<190	<190	<180
Pyrene	<190	<180	<190	<190	<190	<180	<190	<190	<180

Table 6.2, Page 6
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0065	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073
Field Sample ID	AS-CONF-14-0065	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	8/26/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<190	<190	<180	<190	<190	<180	<180	<180	<180
bis (2-chloroisopropyl) ether	<190	<190	<180	<190	<190	<180	<180	<180	<180
2,4,5-Trichlorophenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
2,4,6-Trichlorophenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
2,4-Dichlorophenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
2,4-Dimethylphenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
2,4-Dinitrophenol	<360	<370	<350	<360	<380	<340	<350	<350	<350
2,4-Dinitrotoluene	<190	<190	<180	<190	<190	<180	<180	<180	<180
2,6-Dinitrotoluene	<190	<190	<180	<190	<190	<180	<180	<180	<180
2-Chloronaphthalene	<190	<190	<180	<190	<190	<180	<180	<180	<180
2-Chlorophenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
2-Methylnaphthalene	<190	<190	<180	<190	<190	<180	<180	<180	<180
2-Methylphenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
2-Nitroaniline	<360	<370	<350	<360	<380	<340	<350	<350	<350
2-Nitrophenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
3,3'-Dichlorobenzidine	<190	<190	<180	<190	<190	<180	<180	<180	<180
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<360	<370	<350	<360	<380	<340	<350	<350	<350
4,6-Dinitro-2-methylphenol	<360	<370	<350	<360	<380	<340	<350	<350	<350
4-Bromophenyl phenyl ether	<190	<190	<180	<190	<190	<180	<180	<180	<180
4-Chloro-3-methylphenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
4-Chloroaniline	<190	<190	<180	<190	<190	<180	<180	<180	<180
4-Chlorophenyl phenyl ether	<190	<190	<180	<190	<190	<180	<180	<180	<180
4-Methylphenol	<360	<370	<350	<360	<380	<340	<350	<350	<350
4-Nitroaniline	<360	<370	<350	<360	<380	<340	<350	<350	<350
4-Nitrophenol	<360	<370	<350	<360	<380	<340	<350	<350	<350
Acenaphthene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Acenaphthylene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Acetophenone	<190	<190	<180	<190	<190	<180	<180	<180	<180
Anthracene	<190	<190	<180	<190	<190	<180	19 J	14 J	16 J
Atrazine	<190	<190	<180	<190	<190	<180	<180	<180	<180
Benzaldehyde	<190	<190	<180	<190	<190	<180	<180	<180	<180
Benzo[a]anthracene	<190	<190	<180	<190	<190	<180	20 J B	40 J B	45 J B
Benzo[a]pyrene	<190	<190	<180	19 J	10 J	<180	<180	<180	26 J
Benzo[b]fluoranthene	<190	<190	<180	11 J	6.4 J	<180	17 J	<180	60 J
Benzo[g,h,i]perylene	<190	<190	<180	25 J	20 J	3.1 J	11 J	22 J	31 J
Benzo[k]fluoranthene	<190	<190	<180	<190	<190	<180	23 J	<180	42 J
Bis(2-chloroethoxy)methane	<190	<190	<180	<190	<190	<180	<180	<180	<180
Bis(2-chloroethyl)ether	<190	<190	<180	<190	<190	<180	<180	<180	<180
Bis(2-ethylhexyl) phthalate	<190	<190	<180	<190	<190	<180	<180	<180	<180
Butyl benzyl phthalate	<190	<190	<180	<190	<190	<180	<180	<180	<180
Caprolactam	<190	<190	<180	<190	<190	<180	<180	<180	<180
Carbazole	<190	<190	<180	<190	<190	<180	2.9 J	9.0 J	<180
Chrysene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Di-n-butyl phthalate	<190	<190	<180	<190	<190	<180	<180	<180	<180
Di-n-octyl phthalate	<190	<190	<180	<190	<190	<180	<180	<180	<180
Dibenz(a,h)anthracene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Dibenzofuran	<190	<190	<180	<190	<190	<180	<180	<180	<180
Diethyl phthalate	<190	<190	<180	<190	<190	<180	<180	<180	<180
Dimethyl phthalate	<190	<190	<180	<190	<190	<180	<180	<180	<180
Fluoranthene	<190	<190	<180	29 J	14 J	<180	29 J	88 J	130 J
Fluorene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Hexachlorobenzene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Hexachlorobutadiene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Hexachlorocyclopentadiene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Hexachloroethane	<190	<190	<180	<190	<190	<180	<180	<180	<180
Indeno[1,2,3-cd]pyrene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Isophorone	<190	<190	<180	<190	<190	<180	<180	<180	<180
N-Nitrosodi-n-propylamine	<190	<190	<180	<190	<190	<180	<180	<180	<180
N-Nitrosodiphenylamine	<190	<190	<180	<190	<190	<180	<180	<180	<180
Naphthalene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Nitrobenzene	<190	<190	<180	<190	<190	<180	<180	<180	<180
Pentachlorophenol	<360	<370	<350	<360	<380	<340	<350	<350	<350
Phenanthrene	<190	<190	<180	18 J	<190	<180	19 J	54 J	81 J
Phenol	<190	<190	<180	<190	<190	<180	<180	<180	<180
Pyrene	<190	<190	<180	<190	<190	<180	<180	27 J	46 J

Table 6.2, Page 7
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0074	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082
Field Sample ID	AS-CONF-14-0074	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<180	<190	<190	<180	<190	<180	<190	<180	<190
bis (2-chloroisopropyl) ether	<180	<190	<190	<180	<190	<180	<190	<180	<190
2,4,5-Trichlorophenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
2,4,6-Trichlorophenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
2,4-Dichlorophenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
2,4-Dimethylphenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
2,4-Dinitrophenol	<350	<370	<370	<340	<370	<350	<360	<360	<360
2,4-Dinitrotoluene	<180	<190	<190	<180	<190	<180	<190	<180	<190
2,6-Dinitrotoluene	<180	<190	<190	<180	<190	<180	<190	<180	<190
2-Chloronaphthalene	<180	<190	<190	<180	<190	<180	<190	<180	<190
2-Chlorophenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
2-Methylnaphthalene	<180	<190	<190	<180	<190	<180	<190	<180	<190
2-Methylphenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
2-Nitroaniline	<350	<370	<370	<340	<370	<350	<360	<360	<360
2-Nitrophenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
3,3'-Dichlorobenzidine	<180	<190	<190	<180	<190	<180	<190	<180	<190
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<350	<370	<370	<340	<370	<350	<360	<360	<360
4,6-Dinitro-2-methylphenol	<350	<370	<370	<340	<370	<350	<360	<360	<360
4-Bromophenyl phenyl ether	<180	<190	<190	<180	<190	<180	<190	<180	<190
4-Chloro-3-methylphenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
4-Chloroaniline	<180	<190	<190	<180	<190	<180	<190	<180	<190
4-Chlorophenyl phenyl ether	<180	<190	<190	<180	<190	<180	<190	<180	<190
4-Methylphenol	<350	<370	<370	<340	<370	<350	<360	<360	<360
4-Nitroaniline	<350	<370	<370	<340	<370	<350	<360	<360	<360
4-Nitrophenol	<350	<370	<370	<340	<370	<350	<360	<360	<360
Acenaphthene	<180	<190	<190	<180	<190	<180	<190	<180	14 J
Acenaphthylene	<180	<190	<190	<180	<190	<180	<190	<180	<190
Acetophenone	<180	<190	<190	<180	<190	<180	<190	<180	<190
Anthracene	5.8 J	<190	<190	<180	<190	<180	<190	<180	98 J
Atrazine	<180	<190	<190	<180	<190	<180	<190	<180	<190
Benzaldehyde	<180	<190	<190	<180	<190	<180	<190	<180	<190
Benzo[a]anthracene	<180	14 J	24 J B	12 J B	<190	<180	<190	<180	310
Benzo[a]pyrene	<180	<190	<190	<180	<190	9.2 J	<190	18 J	270
Benzo[b]fluoranthene	17 J	<190	33 J	6.6 J	<190	16 J	<190	33 J	620
Benzo[g,h,i]perylene	11 J	<190	12 J	4.3 J	<190	<180	<190	<180	180 J
Benzo[k]fluoranthene	23 J	<190	20 J	19 J	<190	5.7 J	<190	15 J	330
Bis(2-chloroethoxy)methane	<180	<190	<190	<180	<190	<180	<190	<180	<190
Bis(2-chloroethyl)ether	<180	<190	<190	<180	<190	<180	<190	<180	<190
Bis(2-ethylhexyl) phthalate	<180	<190	<190	<180	<190	<180	<190	<180	<190
Butyl benzyl phthalate	<180	<190	<190	<180	<190	<180	<190	<180	<190
Caprolactam	<180	<190	<190	<180	<190	<180	<190	<180	<190
Carbazole	<180	<190	<190	<180	<190	<180	<190	<180	60 J
Chrysene	<180	<190	<190	<180	<190	<180	<190	<180	490
Di-n-butyl phthalate	<180	<190	<190	<180	<190	<180	<190	<180	<190
Di-n-octyl phthalate	<180	<190	<190	<180	<190	<180	<190	<180	<190
Dibenz(a,h)anthracene	<180	<190	<190	<180	<190	<180	<190	<180	34 J
Dibenzofuran	<180	<190	<190	<180	<190	<180	<190	<180	<190
Diethyl phthalate	<180	<190	<190	<180	<190	<180	<190	<180	<190
Dimethyl phthalate	<180	<190	<190	<180	<190	<180	<190	<180	<190
Fluoranthene	34 J	11 J	32 J	<180	<190	30 J	<190	38 J	950
Fluorene	<180	<190	<190	<180	<190	<180	<190	<180	31 J
Hexachlorobenzene	<180	<190	<190	<180	<190	<180	<190	<180	<190
Hexachlorobutadiene	<180	<190	<190	<180	<190	<180	<190	<180	<190
Hexachlorocyclopentadiene	<180	<190	<190	<180	<190	<180	<190	<180	<190
Hexachloroethane	<180	<190	<190	<180	<190	<180	<190	<180	<190
Indeno[1,2,3-cd]pyrene	<180	<190	<190	<180	<190	<180	<190	<180	200
Isophorone	<180	<190	<190	<180	<190	<180	<190	<180	<190
N-Nitrosodi-n-propylamine	<180	<190	<190	<180	<190	<180	<190	<180	<190
N-Nitrosodiphenylamine	<180	<190	<190	<180	<190	<180	<190	<180	<190
Naphthalene	<180	<190	<190	<180	<190	<180	<190	<180	<190
Nitrobenzene	<180	<190	<190	<180	<190	<180	<190	<180	<190
Pentachlorophenol	<350	<370	<370	<340	<370	<350	<360	<360	<360
Phenanthrene	30 J	7.1 J	17 J	<180	<190	17 J	<190	18 J	480
Phenol	<180	<190	<190	<180	<190	<180	<190	<180	<190
Pyrene	<180	<190	<190	<180	<190	<180	<190	31 J	780

Table 6.2, Page 8
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0083	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091
Field Sample ID	AS-CONF-14-0083	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	8/28/2014	8/28/2014	8/28/2014	8/29/2014	8/29/2014	8/28/2014	8/28/2014	8/28/2014	8/29/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<180	<180	<190	<190	<180	<180	<180	<190	<180
bis (2-chloroisopropyl) ether	<180	<180	<190	<190	<180	<180	<180	<190	<180
2,4,5-Trichlorophenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
2,4,6-Trichlorophenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
2,4-Dichlorophenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
2,4-Dimethylphenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
2,4-Dinitrophenol	<360	<350	<370	<360	<350	<360	<360	<360	<360
2,4-Dinitrotoluene	<180	<180	<190	<190	<180	<180	<180	<190	<180
2,6-Dinitrotoluene	<180	<180	<190	<190	<180	<180	<180	<190	<180
2-Chloronaphthalene	<180	<180	<190	<190	<180	<180	<180	<190	<180
2-Chlorophenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
2-Methylnaphthalene	<180	<180	<190	<190	<180	<180	<180	<190	<180
2-Methylphenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
2-Nitroaniline	<360	<350	<370	<360	<350	<360	<360	<360	<360
2-Nitrophenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
3,3'-Dichlorobenzidine	<180	<180	<190	<190	<180	<180	<180	<190	<180
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<360	<350	<370	<360	<350	<360	<360	<360	<360
4,6-Dinitro-2-methylphenol	<360	<350	<370	<360	<350	<360	<360	<360	<360
4-Bromophenyl phenyl ether	<180	<180	<190	<190	<180	<180	<180	<190	<180
4-Chloro-3-methylphenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
4-Chloroaniline	<180	<180	<190	<190	<180	<180	<180	<190	<180
4-Chlorophenyl phenyl ether	<180	<180	<190	<190	<180	<180	<180	<190	<180
4-Methylphenol	<360	<350	<370	<360	<350	<360	<360	<360	<360
4-Nitroaniline	<360	<350	<370	<360	<350	<360	<360	<360	<360
4-Nitrophenol	<360	<350	<370	<360	<350	<360	<360	<360	<360
Acenaphthene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Acenaphthylene	<180	40 J	<190	<190	<180	<180	<180	<190	<180
Acetophenone	<180	<180	<190	<190	<180	<180	<180	<190	<180
Anthracene	80 J	150 J	31 J	<190	<180	<180	26 J	<190	<180
Atrazine	<180	<180	<190	<190	<180	<180	<180	<190	<180
Benzaldehyde	<180	<180	<190	<190	<180	<180	<180	<190	<180
Benzo[a]anthracene	95 J	300	100 J	50 J	<180	<180	34 J	<190	<180
Benzo[a]pyrene	86 J	290	89 J	47 J	<180	<180	25 J	80 J	<180
Benzo[b]fluoranthene	230	550	140 J	87 J	<180	<180	35 J	140 J	24 J
Benzo[g,h,i]perylene	51 J	130 J	35 J	<190	<180	<180	<180	23 J	<180
Benzo[k]fluoranthene	83 J	220	78 J	27 J	<180	<180	15 J	62 J	14 J
Bis(2-chloroethoxy)methane	<180	<180	<190	<190	<180	<180	<180	<190	<180
Bis(2-chloroethyl)ether	<180	<180	<190	<190	<180	<180	<180	<190	<180
Bis(2-ethylhexyl) phthalate	<180	<180	<190	<190	<180	<180	<180	<190	<180
Butyl benzyl phthalate	<180	<180	<190	<190	<180	<180	<180	<190	<180
Caprolactam	<180	<180	<190	<190	<180	<180	<180	<190	<180
Carbazole	<180	<180	<190	<190	<180	<180	<180	<190	<180
Chrysene	150 J	500	120 J	56 J	<180	<180	35 J	110 J	76 J
Di-n-butyl phthalate	<180	<180	<190	<190	<180	<180	<180	<190	<180
Di-n-octyl phthalate	<180	<180	<190	<190	16 J	<180	<180	<190	<180
Dibenz(a,h)anthracene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Dibenzofuran	<180	<180	<190	<190	<180	<180	<180	<190	<180
Diethyl phthalate	<180	<180	<190	<190	<180	<180	<180	<190	<180
Dimethyl phthalate	<180	<180	<190	<190	<180	<180	<180	<190	<180
Fluoranthene	220	450	210	97 J	<180	<180	78 J	190	45 J
Fluorene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Hexachlorobenzene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Hexachlorobutadiene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Hexachlorocyclopentadiene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Hexachloroethane	<180	<180	<190	<190	<180	<180	<180	<190	<180
Indeno[1,2,3-cd]pyrene	74 J	140 J	61 J	<190	<180	<180	<180	51 J	<180
Isophorone	<180	<180	<190	<190	<180	<180	<180	<190	<180
N-Nitrosodi-n-propylamine	<180	<180	<190	<190	<180	<180	<180	<190	<180
N-Nitrosodiphenylamine	<180	<180	<190	<190	<180	<180	<180	<190	<180
Naphthalene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Nitrobenzene	<180	<180	<190	<190	<180	<180	<180	<190	<180
Pentachlorophenol	<360	<350	<370	<360	<350	<360	<360	<360	<360
Phenanthrene	<180	110 J	93 J	<190	<180	<180	73 J	<190	26 J
Phenol	<180	<180	<190	<190	<180	<180	<180	<190	<180
Pyrene	180	430	170 J	85 J	<180	<180	56 J	150 J	<180

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Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0092	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R
Field Sample ID	AS-CONF-14-0092	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	8/29/2014	8/29/2014	8/29/2014	8/29/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
bis (2-chloroisopropyl) ether	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2,4,5-Trichlorophenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2,4,6-Trichlorophenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2,4-Dichlorophenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2,4-Dimethylphenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2,4-Dinitrophenol	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
2,4-Dinitrotoluene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2,6-Dinitrotoluene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2-Chloronaphthalene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2-Chlorophenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2-Methylnaphthalene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2-Methylphenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
2-Nitroaniline	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
2-Nitrophenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
3,3'-Dichlorobenzidine	<190	<180	<200	<200	<3300	<3400	<3400	<3400	<340
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
4,6-Dinitro-2-methylphenol	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
4-Bromophenyl phenyl ether	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
4-Chloro-3-methylphenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
4-Chloroaniline	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
4-Chlorophenyl phenyl ether	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
4-Methylphenol	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
4-Nitroaniline	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
4-Nitrophenol	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
Acenaphthene	<190	<180	<200	<200	<1700	450 J	<1800	<1800	<170
Acenaphthylene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Acetophenone	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Anthracene	<190	<180	56 J	<200	<1700	1300 J	<1800	<1800	<170
Atrazine	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Benzaldehyde	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Benzo[a]anthracene	<190	39 J	100 J	<200	590 J	2600	740 J	570 J	<170
Benzo[a]pyrene	<190	94 J	93 J	<200	460 J	1800 J	530 J	520 J	<170
Benzo[b]fluoranthene	<190	40 J	110 J	17 J	690 J	2400	860 J	680 J	<170
Benzo[g,h,i]perylene	<190	<180	38 J	<200	340 J	1100 J	400 J	360 J	<170
Benzo[k]fluoranthene	<190	23 J	82 J	8.7 J	320 J	1400 J	300 J	400 J	<170
Bis(2-chloroethoxy)methane	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Bis(2-chloroethyl)ether	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Bis(2-ethylhexyl) phthalate	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Butyl benzyl phthalate	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Caprolactam	<190	<180	<200	<200	<1700 *	<1900 *	<1800 *	<1800 *	<170 *
Carbazole	<190	<180	<200	<200	<1700	760 J	<1800	<1800	<170
Chrysene	<190	33 J	110 J	<200	530 J	2500 J	640 J	620 J	<170
Di-n-butyl phthalate	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Di-n-octyl phthalate	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Dibenz(a,h)anthracene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Dibenzofuran	<190	<180	<200	<200	<1700	640 J	<1800	<1800	<170
Diethyl phthalate	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Dimethyl phthalate	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Fluoranthene	<190	63 J	220	28 J	1200 J	6600 J	1600 J	1400 J	<170
Fluorene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Hexachlorobenzene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Hexachlorobutadiene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Hexachlorocyclopentadiene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Hexachloroethane	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Indeno[1,2,3-cd]pyrene	<190	36 J	60 J	<200	290 J	1100 J	340 J	310 J	<170
Isophorone	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
N-Nitrosodi-n-propylamine	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
N-Nitrosodiphenylamine	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Naphthalene	<190	<180	<200	<200	<1700	490 J	<1800	<1800	<170
Nitrobenzene	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Pentachlorophenol	<360	<360	<380	<380	<3300	<3400	<3400	<3400	<340
Phenanthrene	<190	40 J	180 J	12 J	890 J	7600	1700 J	930 J	<170
Phenol	<190	<180	<200	<200	<1700	<1900	<1800	<1800	<170
Pyrene	<190	50 J	180 J	<200	980 J	5300	1300 J	1200 J	<170

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Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0067R	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R
Field Sample ID	AS-CONF-14-0067R	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/29/2014	10/29/2014	10/29/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
bis (2-chloroisopropyl) ether	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2,4,5-Trichlorophenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2,4,6-Trichlorophenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2,4-Dichlorophenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2,4-Dimethylphenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2,4-Dinitrophenol	<340	<350	<350	<330	<1700	<1700	<380	<3700	<3600
2,4-Dinitrotoluene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2,6-Dinitrotoluene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2-Chloronaphthalene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2-Chlorophenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2-Methylnaphthalene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2-Methylphenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
2-Nitroaniline	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
2-Nitrophenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
3,3'-Dichlorobenzidine	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
4,6-Dinitro-2-methylphenol	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
4-Bromophenyl phenyl ether	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
4-Chloro-3-methylphenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
4-Chloroaniline	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
4-Chlorophenyl phenyl ether	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
4-Methylphenol	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
4-Nitroaniline	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
4-Nitrophenol	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
Acenaphthene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Acenaphthylene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Acetophenone	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Anthracene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Atrazine	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Benzaldehyde	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Benzo[a]anthracene	<180	<180	<180	<170	<850	<850	440 J	510 J	350 J
Benzo[a]pyrene	<180	<180	<180	<170	<850	<850	340 J	380 J	370 J
Benzo[b]fluoranthene	<180	<180	<180	<170	<850	<850	430 J	520 J	560 J
Benzo[g,h,i]perylene	<180	<180	<180	<170	<850	<850	220 J	300 J	300 J
Benzo[k]fluoranthene	<180	<180	<180	<170	<850	<850	190 J	<1900	240 J
Bis(2-chloroethoxy)methane	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Bis(2-chloroethyl)ether	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Bis(2-ethylhexyl) phthalate	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Butyl benzyl phthalate	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Caprolactam	<180 *	<180 *	<180 *	<170 *	<850 *	<850 *	<940 *	<1900 *	<1800 *
Carbazole	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Chrysene	<180	<180	<180	<170	<850	<850	350 J	<1900	460 J
Di-n-butyl phthalate	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Di-n-octyl phthalate	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Dibenz(a,h)anthracene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Dibenzofuran	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Diethyl phthalate	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Dimethyl phthalate	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Fluoranthene	<180	<180	<180	<170	<850	<850	830 J	840 J	760 J
Fluorene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Hexachlorobenzene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Hexachlorobutadiene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Hexachlorocyclopentadiene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Hexachloroethane	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Indeno[1,2,3-cd]pyrene	<180	<180	<180	<170	<850	<850	190 J	250 J	250 J
Isophorone	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
N-Nitrosodi-n-propylamine	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
N-Nitrosodiphenylamine	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Naphthalene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Nitrobenzene	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Pentachlorophenol	<340	<350	<350	<330	<1700	<1700	<1800	<3700	<3600
Phenanthrene	<180	<180	<180	<170	<850	<850	590 J	510 J	320 J
Phenol	<180	<180	<180	<170	<850	<850	<940	<1900	<1800
Pyrene	<180	<180	<180	<170	<850	<850	720 J	690 J	<1800

Table 6.2, Page 11
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0090R	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2
Field Sample ID	AS-CONF-14-0090R	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
bis (2-chloroisopropyl) ether	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2,4,5-Trichlorophenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2,4,6-Trichlorophenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2,4-Dichlorophenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2,4-Dimethylphenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2,4-Dinitrophenol	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
2,4-Dinitrotoluene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2,6-Dinitrotoluene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2-Chloronaphthalene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2-Chlorophenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2-Methylnaphthalene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2-Methylphenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
2-Nitroaniline	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
2-Nitrophenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
3,3'-Dichlorobenzidine	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
4,6-Dinitro-2-methylphenol	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
4-Bromophenyl phenyl ether	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
4-Chloro-3-methylphenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
4-Chloroaniline	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
4-Chlorophenyl phenyl ether	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
4-Methylphenol	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
4-Nitroaniline	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
4-Nitrophenol	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
Acenaphthene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Acenaphthylene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Acetophenone	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Anthracene	650 J	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Atrazine	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Benzaldehyde	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Benzo[a]anthracene	570 J	380 J	440 J	<1900	<9000	<9400	<9400	<8800	<9100
Benzo[a]pyrene	370 J	280 J	410 J	<1900	<9000	<9400	<9400	<8800	<9100
Benzo[b]fluoranthene	840 J	490 J	830 J	<1900	<9000	<9400	<9400	<8800	<9100
Benzo[g,h,i]perylene	370 J	<1800	350 J	<1900	<9000	<9400	<9400	<8800	<9100
Benzo[k]fluoranthene	780 J	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Bis(2-chloroethoxy)methane	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Bis(2-chloroethyl)ether	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Bis(2-ethylhexyl) phthalate	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Butyl benzyl phthalate	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Caprolactam	<1800 *	<1800 *	<1900 *	<1900 *	<9000 *	<9400 *	<9400 *	<8800 *	<9100 *
Carbazole	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Chrysene	480 J	480 J	480 J	<1900	<9000	<9400	<9400	<8800	<9100
Di-n-butyl phthalate	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Di-n-octyl phthalate	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Dibenz(a,h)anthracene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Dibenzofuran	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Diethyl phthalate	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Dimethyl phthalate	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Fluoranthene	930 J	<1800	820 J	400 J	<9000	<9400	<9400	<8800	<9100
Fluorene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Hexachlorobenzene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Hexachlorobutadiene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Hexachlorocyclopentadiene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Hexachloroethane	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Indeno[1,2,3-cd]pyrene	290 J	810 J	340 J	<1900	<9000	<9400	<9400	<8800	<9100
Isophorone	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
N-Nitrosodi-n-propylamine	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
N-Nitrosodiphenylamine	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Naphthalene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Nitrobenzene	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Pentachlorophenol	<3600	<3600	<3600	<3600	<17000	<18000	<18000	<17000	<18000
Phenanthrene	680 J	670 J	360 J	350 J	<9000	<9400	<9400	<8800	<9100
Phenol	<1800	<1800	<1900	<1900	<9000	<9400	<9400	<8800	<9100
Pyrene	800 J	710 J	710 J	<1900	<9000	<9400	<9400	<8800	<9100

Table 6.2, Page 12
Confirmatory Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0082R	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Field Sample ID	AS-CONF-14-0082R	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	11/6/2014	11/6/2014	11/6/2014	11/6/2014	11/6/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Biphenyl	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
bis (2-chloroisopropyl) ether	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2,4,5-Trichlorophenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2,4,6-Trichlorophenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2,4-Dichlorophenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2,4-Dimethylphenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2,4-Dinitrophenol	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
2,4-Dinitrotoluene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2,6-Dinitrotoluene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2-Chloronaphthalene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2-Chlorophenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2-Methylnaphthalene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2-Methylphenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
2-Nitroaniline	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
2-Nitrophenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
3,3'-Dichlorobenzidine	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
4,6-Dinitro-2-methylphenol	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
4-Bromophenyl phenyl ether	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
4-Chloro-3-methylphenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
4-Chloroaniline	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
4-Chlorophenyl phenyl ether	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
4-Methylphenol	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
4-Nitroaniline	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
4-Nitrophenol	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
Acenaphthene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Acenaphthylene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Acetophenone	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Anthracene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Atrazine	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Benzaldehyde	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Benzo[a]anthracene	<190	<190	<1700	<1700	<1800	23 J	<190	<210	22 J
Benzo[a]pyrene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Benzo[b]fluoranthene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Benzo[g,h,i]perylene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Benzo[k]fluoranthene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Bis(2-chloroethoxy)methane	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Bis(2-chloroethyl)ether	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Bis(2-ethylhexyl) phthalate	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Butyl benzyl phthalate	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Caprolactam	<190	<190	<1700	<1700	<1800	<200 *	<190 *	<210 *	<190 *
Carbazole	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Chrysene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Di-n-butyl phthalate	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Di-n-octyl phthalate	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Dibenz(a,h)anthracene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Dibenzofuran	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Diethyl phthalate	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Dimethyl phthalate	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Fluoranthene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Fluorene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Hexachlorobenzene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Hexachlorobutadiene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Hexachlorocyclopentadiene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Hexachloroethane	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Indeno[1,2,3-cd]pyrene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Isophorone	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
N-Nitrosodi-n-propylamine	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
N-Nitrosodiphenylamine	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Naphthalene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Nitrobenzene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Pentachlorophenol	<360	<370	<3400	<3400	<3500	<380	<370	<400	<380
Phenanthrene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Phenol	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190
Pyrene	<190	<190	<1700	<1700	<1800	<200	<190	<210	<190

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

* - Instrument related QC is outside acceptance limits.

NA - Not applicable

Table 6.3.1
Confirmatory Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008
Field Sample ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/17/2014	6/17/2014	6/17/2014	6/17/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<1.4	<0.22	<0.28	<2.4	<23	<3.4	<0.23	<0.46
PCB-1221	<1.4	<0.22	<0.28	<2.4	<23	<3.4	<0.23	<0.46
PCB-1232	<1.4	<0.22	<0.28	<2.4	<23	<3.4	<0.23	<0.46
PCB-1242	<1.4	<0.22	<0.28	<2.4	<23	<3.4	<0.23	<0.46
PCB-1248	32	4.3	0.79	33	660	40	4.8	9.4
PCB-1254	12	1.6	0.37	14	230	17	2.0	5.0
PCB-1260	<1.4	<0.22	<0.28	<2.4	<23	<3.4	<0.23	<0.46

Site ID	AS-CONF-14-0009	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0005A	AS-CONF-14-0005A	AS-CONF-14-0005B	AS-CONF-14-0005B
Field Sample ID	AS-CONF-14-0009	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0005A	AS-CONF-14-0005A	AS-CONF-14-0005B	AS-CONF-14-0005B
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	ALS	TestAmerica	ALS
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/23/2014	6/23/2014	6/23/2014	6/23/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.24	<2.4	<15	<0.24	<25	<340	<13	<34
PCB-1221	<0.24	<2.4	<15	<0.24	<25	<340	<13	<34
PCB-1232	<0.24	<2.4	<15	<0.24	<25	<700	<13	<70
PCB-1242	<0.24	<2.4	<15	<0.24	<25	<340	<13	<34
PCB-1248	0.96	28	59	3.3	1300 E	1100	1000 E	270
PCB-1254	0.56	13	31	1.8	<25	<340	<13	<34
PCB-1260	<0.24	<2.4	<15	<0.24	<25	<340	<13	<34

Site ID	AS-CONF-14-0006R	AS-CONF-14-0006R	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Field Sample ID	AS-CONF-14-0006R	AS-CONF-14-0006R	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Lab Name	TestAmerica	ALS	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/23/2014	6/23/2014	7/15/2014	7/15/2014	7/15/2014	7/15/2014	7/30/2014	7/30/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<5.0	<3.4	<0.2	<.42	<1.2	<4.3	<0.3	<0.21
PCB-1221	<5.0	<3.4	<0.2	<.42	<1.2	<4.3	<0.3	<0.21
PCB-1232	<5.0	<7.0	<0.2	<.42	<1.2	<4.3	<0.3	<0.21
PCB-1242	<5.0	<3.4	<0.2	<.42	<1.2	<4.3	<0.3	<0.21
PCB-1248	59	26	0.4	2.5	7	37	3	0.64
PCB-1254	<5.0	<3.4	<0.2	<.42	<1.2	<4.3	<0.3	<0.21
PCB-1260	<5.0	<3.4	<0.2	<.42	<1.2	<4.3	<0.3	<0.21

Table 6.3.1, Page 2
Confirmatory Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025
Field Sample ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	7/30/2014	7/31/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.27	<0.26	<0.25	<0.28	<2.1	<0.20	<0.23	<0.25
PCB-1221	<0.27	<0.26	<0.25	<0.28	<2.1	<0.20	<0.23	<0.25
PCB-1232	<0.27	<0.26	<0.25	<0.28	<2.1	<0.20	<0.23	<0.25
PCB-1242	<0.27	<0.26	<0.25	<0.28	<2.1	<0.20	<0.23	<0.25
PCB-1248	3.2	0.15 J	0.29	0.53	31	0.16 J	0.20 J	1.6
PCB-1254	<0.27	<0.26	<0.25	<0.28	<2.1	<0.20	<0.23	<0.25
PCB-1260	<0.27	<0.26	<0.25	<0.28	<2.1	<0.20	<0.23	<0.25

Site ID	AS-CONF-14-0026	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-0032	AS-CONF-14-0033
Field Sample ID	AS-CONF-14-0026	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-0032	AS-CONF-14-0033
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/14/2014	8/14/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.19	<0.25	<0.25	<0.22	<0.24	<0.39	<5.7	<0.24
PCB-1221	<0.19	<0.25	<0.25	<0.22	<0.24	<0.39	<5.7	<0.24
PCB-1232	<0.19	<0.25	<0.25	<0.22	<0.24	<0.39	<5.7	<0.24
PCB-1242	<0.19	<0.25	<0.25	<0.22	<0.24	<0.39	<5.7	<0.24
PCB-1248	0.91	<0.25	3.2	0.22	<0.24	2.9	37	1.2
PCB-1254	<0.19	<0.25	<0.25	<0.22	<0.24	<0.39	<5.7	<0.24
PCB-1260	<0.19	<0.25	<0.25	<0.22	<0.24	<0.39	<5.7	<0.24

Site ID	AS-CONF-14-0034	AS-CONF-14-0035	AS-CONF-14-0036	AS-CONF-14-0037	AS-CONF-14-0038	AS-CONF-14-0039	AS-CONF-14-0040	AS-CONF-14-0041
Field Sample ID	AS-CONF-14-0034	AS-CONF-14-0035	AS-CONF-14-0036	AS-CONF-14-0037	AS-CONF-14-0038	AS-CONF-14-0039	AS-CONF-14-0040	AS-CONF-14-0041
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<5.1	<0.22	<27	<0.26	<0.23	<4.5	<25	<2.4
PCB-1221	<5.1	<0.22	<27	<0.26	<0.23	<4.5	<25	<2.4
PCB-1232	<5.1	<0.22	<27	<0.26	<0.23	<4.5	<25	<2.4
PCB-1242	<5.1	<0.22	<27	<0.26	<0.23	<4.5	<25	<2.4
PCB-1248	60	4.1	270	0.52	4.4	37	220	9.2
PCB-1254	<5.1	<0.22	<27	<0.26	<0.23	<4.5	<25	<2.4
PCB-1260	<5.1	<0.22	<27	<0.26	<0.23	<4.5	<25	<2.4

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Confirmatory Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0042	AS-CONF-14-0043	AS-CONF-14-0044	AS-CONF-14-0045	AS-CONF-14-0046	AS-CONF-14-0047	AS-CONF-14-0048	AS-CONF-14-0049
Field Sample ID	AS-CONF-14-0042	AS-CONF-14-0043	AS-CONF-14-0044	AS-CONF-14-0045	AS-CONF-14-0046	AS-CONF-14-0047	AS-CONF-14-0048	AS-CONF-14-0049
Sample Matrix	TestAmerica	TestAmerica	TestAmerica	Soil	Soil	Soil	Soil	Soil
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.22	<0.22	<0.26	<0.24	<0.22	<0.40	<0.24	<0.21
PCB-1221	<0.22	<0.22	<0.26	<0.24	<0.22	<0.40	<0.24	<0.21
PCB-1232	<0.22	<0.22	<0.26	<0.24	<0.22	<0.40	<0.24	<0.21
PCB-1242	<0.22	<0.22	<0.26	<0.24	<0.22	<0.40	<0.24	<0.21
PCB-1248	1.1	0.40	2.0	0.54	4.1	1.3	6.1	0.68
PCB-1254	<0.22	<0.22	<0.26	<0.24	<0.22	<0.40	<0.24	<0.21
PCB-1260	<0.22	<0.22	<0.26	<0.24	<0.22	<0.40	<0.24	<0.21

Site ID	AS-CONF-14-0050	AS-CONF-14-0051	AS-CONF-14-0052	AS-CONF-14-0053	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Field Sample ID	AS-CONF-14-0050	AS-CONF-14-0051	AS-CONF-14-0052	AS-CONF-14-0053	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/14/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<21	<12	<0.25	<0.23	<200	<1.1	<0.26	<0.27
PCB-1221	<21	<12	<0.25	<0.23	<200	<1.1	<0.26	<0.27
PCB-1232	<21	<12	<0.25	<0.23	<200	<1.1	<0.26	<0.27
PCB-1242	<21	<12	<0.25	<0.23	<200	<1.1	<0.26	<0.27
PCB-1248	80	110	1.4	1.5	1500	3.9	0.10 J	<0.27
PCB-1254	<21	<12	<0.25	<0.23	<200	<1.1	<0.26	<0.27
PCB-1260	<21	<12	<0.25	<0.23	<200	<1.1	<0.26	<0.27

Site ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064
Field Sample ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.21	<0.26	<0.25	<0.22	<0.26	<0.21	<0.23	<0.21
PCB-1221	<0.21	<0.26	<0.25	<0.22	<0.26	<0.21	<0.23	<0.21
PCB-1232	<0.21	<0.26	<0.25	<0.22	<0.26	<0.21	<0.23	<0.21
PCB-1242	<0.21	<0.26	0.82	<0.22	<0.26	<0.21	<0.23	0.25
PCB-1248	<0.21	<0.26	<0.25	<0.22	<0.26	<0.21	<0.23	<0.21
PCB-1254	<0.21	<0.26	<0.25	<0.22	<0.26	<0.21	<0.23	<0.21
PCB-1260	<0.21	<0.26	<0.25	<0.22	<0.26	<0.21	<0.23	<0.21

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Confirmatory Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0065	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072
Field Sample ID	AS-CONF-14-0065	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/26/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.23	<0.26	<0.27	<1.0	<1.1	<0.23	<1.1	<0.19
PCB-1221	<0.23	<0.26	<0.27	<1.0	<1.1	<0.23	<1.1	<0.19
PCB-1232	<0.23	<0.26	<0.27	<1.0	<1.1	<0.23	<1.1	<0.19
PCB-1242	<0.23	<0.26	<0.27	<1.0	<1.1	<0.23	<1.1	<0.19
PCB-1248	0.51	<0.26	3.2	12	2.8	0.29	5.2	1.5
PCB-1254	<0.23	<0.26	<0.27	<1.0	<1.1	<0.23	<1.1	<0.19
PCB-1260	<0.23	<0.26	<0.27	<1.0	<1.1	<0.23	<1.1	<0.19

Site ID	AS-CONF-14-0073	AS-CONF-14-0074	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080
Field Sample ID	AS-CONF-14-0073	AS-CONF-14-0074	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/28/2014	8/28/2014	8/28/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.25	<0.24	<0.24	<0.23	<0.26	<0.22	<0.21	<0.26
PCB-1221	<0.25	<0.24	<0.24	<0.23	<0.26	<0.22	<0.21	<0.26
PCB-1232	<0.25	<0.24	<0.24	<0.23	<0.26	<0.22	<0.21	<0.26
PCB-1242	<0.25	<0.24	<0.24	<0.23	<0.26	<0.22	<0.21	<0.26
PCB-1248	1.4	0.32	0.21 J	2.7	<0.26	<0.22	<0.21	<0.26
PCB-1254	<0.25	<0.24	<0.24	<0.23	<0.26	<0.22	<0.21	<0.26
PCB-1260	<0.25	<0.24	<0.24	<0.23	<0.26	<0.22	<0.21	<0.26

Site ID	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088
Field Sample ID	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.26	<0.21	<0.23	<0.24	<0.25	<0.23	<0.39	<0.26
PCB-1221	<0.26	<0.21	<0.23	<0.24	<0.25	<0.23	<0.39	<0.26
PCB-1232	<0.26	<0.21	<0.23	<0.24	<0.25	<0.23	<0.39	<0.26
PCB-1242	<0.26	<0.21	<0.23	<0.24	<0.25	1.8	2.8	0.96
PCB-1248	<0.26	<0.21	0.079 J	0.24	0.10 J	<0.23	<0.39	<0.26
PCB-1254	<0.26	<0.21	<0.23	<0.24	<0.25	<0.23	<0.39	<0.26
PCB-1260	<0.26	<0.21	<0.23	<0.24	<0.25	<0.23	<0.39	<0.26

Table 6.3.1, Page 5
Confirmatory Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R
Field Sample ID	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/28/2014	8/28/2014	8/29/2014	8/29/2014	8/29/2014	8/29/2014	8/29/2014	10/28/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.23	<0.23	<0.19	<0.22	<0.24	<0.25	<0.21	<0.21
PCB-1221	<0.23	<0.23	<0.19	<0.22	<0.24	<0.25	<0.21	<0.21
PCB-1232	<0.23	<0.23	1.1	4.4	4.8	0.87	0.45	<0.21
PCB-1242	0.34	3.2	<0.19	<0.22	<0.24	<0.25	<0.21	<0.21
PCB-1248	<0.23	<0.23	<0.19	<0.22	<0.24	<0.25	<0.21	0.42
PCB-1254	<0.23	<0.23	<0.19	<0.22	<0.24	<0.25	<0.21	<0.21
PCB-1260	<0.23	<0.23	<0.19	<0.22	<0.24	<0.25	<0.21	<0.21

Site ID	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R
Field Sample ID	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.28	<0.23	<0.22	<0.22	<0.19	<0.23	<0.21	<0.19
PCB-1221	<0.28	<0.23	<0.22	<0.22	<0.19	<0.23	<0.21	<0.19
PCB-1232	<0.28	<0.23	<0.22	<0.22	<0.19	<0.23	<0.21	<0.19
PCB-1242	<0.28	<0.23	<0.22	<0.22	<0.19	<0.23	<0.21	<0.19
PCB-1248	0.76	0.063 J	0.18 J	<0.22	<0.19	<0.23	<0.21	<0.19
PCB-1254	<0.28	<0.23	<0.22	<0.22	<0.19	<0.23	<0.21	<0.19
PCB-1260	<0.28	<0.23	<0.22	<0.22	<0.19	<0.23	<0.21	<0.19

Site ID	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R	AS-CONF-14-0091R	AS-CONF-14-0092R
Field Sample ID	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R	AS-CONF-14-0091R	AS-CONF-14-0092R
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	10/28/2014	10/28/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.24	0.049 J	<0.26	<0.20	<0.20	<0.25	<0.19	<0.19
PCB-1221	<0.24	<0.22	<0.26	<0.20	<0.20	<0.25	<0.19	<0.19
PCB-1232	<0.24	<0.22	<0.26	<0.20	<0.20	<0.25	<0.19	<0.19
PCB-1242	<0.24	<0.22	<0.26	<0.20	<0.20	<0.25	<0.19	<0.19
PCB-1248	<0.24	<0.22	<0.26	<0.20	<0.20	0.29	<0.19	<0.19
PCB-1254	<0.24	<0.22	<0.26	<0.20	<0.20	<0.25	<0.19	<0.19
PCB-1260	<0.24	<0.22	<0.26	<0.20	<0.20	<0.25	<0.19	<0.19

Table 6.3.1, Page 6
Confirmatory Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R	AS-CONF-14-0086R
Field Sample ID	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R	AS-CONF-14-0086R
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	10/29/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	11/6/2014	11/6/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.21	<0.21	<0.26	<0.24	<0.24	<0.21	<0.23	<0.27
PCB-1221	<0.21	<0.21	<0.26	<0.24	<0.24	<0.21	<0.23	<0.27
PCB-1232	<0.21	<0.21	<0.26	<0.24	<0.24	<0.21	<0.23	<0.27
PCB-1242	<0.21	<0.21	<0.26	<0.24	<0.24	<0.21	<0.23	<0.27
PCB-1248	<0.21	0.080 J	0.094 J	0.18 J	0.19 J	0.24	<0.23	<0.27
PCB-1254	<0.21	<0.21	<0.26	<0.24	<0.24	<0.21	<0.23	<0.27
PCB-1260	<0.21	<0.21	<0.26	<0.24	<0.24	<0.21	<0.23	<0.27

Site ID	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Field Sample ID	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Lab Name	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica	TestAmerica
Sample Matrix	Bedrock	Bedrock	Bedrock	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	11/6/2014	11/6/2014	11/6/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.26	<0.23	<0.22	<0.28	<0.23	<0.28	<0.27
PCB-1221	<0.26	<0.23	<0.22	<0.28	<0.23	<0.28	<0.27
PCB-1232	<0.26	<0.23	<0.22	<0.28	<0.23	<0.28	<0.27
PCB-1242	<0.26	<0.23	<0.22	<0.28	<0.23	<0.28	<0.27
PCB-1248	<0.26	<0.23	<0.22	<0.28	<0.23	<0.28	<0.27
PCB-1254	<0.26	<0.23	<0.22	<0.28	<0.23	<0.28	<0.27
PCB-1260	<0.26	<0.23	<0.22	<0.28	<0.23	<0.28	<0.27

Notes:

TestAmerica - TestAmerica Laboratories, Inc.

ALS - ALS Environmental

Please note split samples were taken for AS-CONF-14-0005A, -005B, and -006R. Analyses were run by both Test America and ALS.

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

E - Result exceeded calibration range.

PCB exceedances are shaded grey.

Table 6.3.2
Wipe Confirmatory Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-DECON-WL-001 Bucket	AS-DECON-WL-002 Tire	AS-DECON-WL-003 Tire	AS-DECON-WL-004 Frame	AS-DECON-EX-001 Track	AS-DECON-EX-002 Bucket	AS-DECON-EX-003 Frame
Field Sample ID	AS-DECON-WL-001 Bucket	AS-DECON-WL-002 Tire	AS-DECON-WL-003 Tire	AS-DECON-WL-004 Frame	AS-DECON-EX-001 Track	AS-DECON-EX-002 Bucket	AS-DECON-EX-003 Frame
Sample Matrix	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/21/2014	8/21/2014	8/21/2014	8/21/2014	8/22/2014	8/22/2014	8/22/2014
Analysis Method	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/Wipe)	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0
PCB-1221	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0
PCB-1232	>1.0	2.8	>1.0	>1.0	>1.0	>1.0	>1.0
PCB-1242	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0
PCB-1248	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0
PCB-1254	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0
PCB-1260	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0	>1.0

Site ID	AS-DECON-EX-004 Track	AS-DECON-EX1-001 Bucket	AS-DECON-12-01	AS-DECON-12-02	AS-DECON-12-03	AS-DECON-12-04
Field Sample ID	AS-DECON-EX-004 Track	AS-DECON-EX1-001 Bucket	AS-DECON-12-01	AS-DECON-12-02	AS-DECON-12-03	AS-DECON-12-04
Sample Matrix	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	8/22/2014	8/22/2014	12/4/2014	12/4/2014	12/4/2014	12/4/2014
Analysis Method	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (µg/Wipe)	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Note:

Bold - Indicates analyte detected by laboratory.

Table 6.4
Confirmatory Sampling Analytical Results
Metals (ICP) by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Field Sample ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/20/2014	6/21/2014	6/22/2014	6/23/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	14500	9260	11200	10200	7470	12600	11200	6550	10900
Antimony	<18.0	<16.4	<16.9	<17.5	1.3 J	<18.0	<19.9	<18.6	<19.9
Arsenic	10.4	11	9.8	10.3	9.9	9.8	9.6	6.9	8.8
Barium	64.8	106	154	164	60.5	82.1	70.3	68.4 *	86.0 *
Beryllium	0.55	0.62	0.7	0.58	0.39	0.52	0.47	0.34	0.5
Cadmium	0.25	0.25	0.33	0.24	0.17 J	0.27	0.30	0.20 J	0.26 J
Calcium	2130 B	2100 B	2060 B	5560 B	1990 B	2660 B	5580 B	2440 B	2670 B
Chromium	21.4	14.2	17.5	40.6	599	19.8	50.8	73.1	25.7
Cobalt	7.4	11.2	12.5	14.9	41.5	8.9	8.5	15.1	8.6
Copper	27.6 B	28.9 B*	25.4 B*	33.7 B*	84.6	17.6	18.1	32.7	15.2
Iron	30800	26000	24000	24300	34500	25400	23400	16000	20900
Lead	22.9	16.6	16.3	19.3	62.0	25.7	38.6	17.4	25.3
Magnesium	3220 B	3180 B	3100 B	3590 B	2230	2610	2500	2120	2140
Manganese	141 B	221 B	363 B	386 B	563 B	257 B	229 B	316 B	379 B
Nickel	35.1	32.4	36.4	98.0	1170	30.7	76.1	243	29.1
Potassium	669	925	771	725	557	652	613	865	585
Selenium	1.2 J	<4.4	<4.5	0.83 J	1.0 J	0.66 J	0.60 J	0.70 J	1.0 J
Silver	<0.72	<0.66	<0.67	<0.70	<0.72	<0.72	<0.80	<0.74	<0.80
Sodium	51.7 J B	42.8 J B	53.1 J	126 J B	29.5 J	63.6 J	45.6 J	32.6 J	117 J
Thallium	<7.2	<6.6	<6.7	<7.0	<7.2	<7.2	<8.0	<7.4	<8.0
Vanadium	23.3	17.3	20.1	19.3	57.4	23.8	25.3	17.7	19.3
Zinc	77.6	62.4	70.0	111	68.5 B	63.4 B	63.5 B	62.4 B	56.2 B

Site ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Field Sample ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	6/24/2014	6/25/2014	6/19/2014	7/15/2014	7/15/2014	7/15/2014	7/15/2014	7/30/2014	7/30/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	9190	10300	10700	8920	8520	10100	8490	9500	6810
Antimony	0.75 J	<20.1	<21.7	0.48 J	<17.9	<15.7	0.63 J	<18.2	8.0 J
Arsenic	11.3	11.5	13.2	11.3	6.6	9.3	7.1	9.7	10.7
Barium	82.3 *	95.5 *	105 *	104	89.1	106	86.6	86.5 B	79.2 B
Beryllium	0.57	0.49	0.63	0.54 J	0.38	0.53	0.41	0.48 B	0.44 B
Cadmium	0.55	0.34	0.33	0.25	0.22 J	0.36	0.3	0.64	0.076 J
Calcium	8550 B	4880 B	14100 B	4830 B	35400 B	8880 B	8910 B	4580 B	4860 B
Chromium	313	182	30.6	14.9	44.4	53.9	427	179	1270
Cobalt	31.6	28.7	14.4	12.2	12.4	18.5	52.1	26.3	101
Copper	52.4	55.6	42.1	36.2	25.2	36.0	85 4	48.0	79.8
Iron	31700	25100	26800	27100	17300	24400	25300	23900	36000
Lead	29.9	40.6	30.9	21.8	11.8	26.2	22.9	33.4	30.1
Magnesium	4350	3430	5930	4190	11800	3530	4580	3490	2770
Manganese	523 B	639 B	385 B	319	329	417	378	276 B	457 B
Nickel	372	336	67.8	39.5	73.2	125	666	266	572
Potassium	694	733	1010	778	1180	636	751	857	773
Selenium	0.84 J	<5.4	0.86 J	<4.1	<4.8	1.0 J	1.2 J	0.81 J	5.6
Silver	<0.72	<0.81	<0.87	<0.62	<0.72	<0.63	<0.75	0.33 J	0.54 J
Sodium	190	64.4 J	79.0 J	80.2 J	180	52.6 J	76.5 J	78.1 J B	57.2 J B
Thallium	<7.2	<8.1	<8.1	<6.2	<7.2	<0.31	<7.5	<7.3	<6.9
Vanadium	32.3	47.8	20.7	13.9	17.0	20.8	69.4	32.7	183
Zinc	1110 B	104 B	98.4 B	73.9	58.3	76.6	76.7	117	71.8

Table 6.4, Page 2
Confirmatory Sampling Analytical Results
Metals (ICP) - TCLP by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Field Sample ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	7/30/2014	7/31/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	10100	14300	25900	8130	11000	7610	9930	14200	8980
Antimony	1.3 J	2.0 J	<20.1	<19.9	<17.1	<18.1	<16.8	<19.3	<16.0
Arsenic	8.7	7.8	11.1	2.7	9.4	3.1	10.5	8.8	9.4
Barium	82.1 B	111 B	290	81.2	97.1	77.5	103	132	104
Beryllium	0.48 B	2.0 B	1.5	0.40	0.61	0.40	0.54	0.81	0.48
Cadmium	<0.24	0.072 J	<0.27	<0.27	<0.23	<0.24	<0.22	0.045 J	0.061 J
Calcium	3910 B	54100 B	2100	27300	16700	68100	17800	3010	28700
Chromium	371	475	20.3	16.2	18.7	11.9	16.0	21.1	14.8
Cobalt	36.9	19.2	27.4	5.2	16.3	7.0	15.7	10.5	11.9
Copper	48.5	56.4	54.3	12.6	29.4	13.1	37.9	19.1	47.0
Iron	27200	19600	29400	12900	23900	12200	24500	24200	21200
Lead	33.9	25.5	22.0	8.1	14.5	7.6	16.7	24.5	17.4
Magnesium	2750	14400	4460	11700	7160	16100	6150	2960	8070
Manganese	252 B	875 B	329	224	385	325	392	216	343
Nickel	235	378	116	18.1	45.8	17.3	40.4	37.3	34.1
Potassium	763	1230	1460	1080	1280	1440	1350	1030	1140
Selenium	1.6 J	0.88 J	0.81 J	<5.3	<4.6	<4.8	<4.5	1.0 J	<4.3
Silver	0.40 J	0.34 J	<0.81	<0.80	<0.68	<0.72	0.26 J	<0.77	<0.64
Sodium	53.4 J B	325 B	96.0 J	183 J	101 J	247	130 J	79.3 J	127 J
Thallium	<7.1	<7.5	<8.1	<8.0	<6.8	<7.2	<6.7	<7.7	<6.4
Vanadium	94.2	40.2	21.4	17.5	16.8	17.2	16.2	24.7	14.6
Zinc	71.0	54.6	121	41.9	86.3	37.2	128	80.7	106

Site ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Field Sample ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/13/2014	8/14/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	7540	10900	14800	15900	11500	2410	3610	8270	7830
Antimony	<16.8	<17.1	<14.2	<16.1	<17.8	NA	<18.3	<15.5	<18.2
Arsenic	3.3	9.6	9.4	13.4	12.4	NA	7.7	8.6	6.3
Barium	88.5	100	145	47.5	93.4	25.1	85.7	73.2	77.6
Beryllium	0.41	0.62	0.95	0.66	0.58	0.27	0.20 J	0.46	0.41
Cadmium	<0.22	<0.23	<0.19	<0.22	<0.24	NA	<0.24	0.37	0.25
Calcium	45400	8000	1670	370	7270	1050 B	3970 B	26600 B	35900 B
Chromium	11.9	41.1	17.1	15.7	28.6	2990	18.3	13.8	13.7
Cobalt	7.2	16.8	11.8	6.1	15.5	302	11.1	12.5	10.7
Copper	15.5	35.0	17.3	23.5	31.8	1210	28.4	30.4	22.4
Iron	13200	25100	28000	26500	28900	72700 B	8490 B	19900 B	16800 B
Lead	7.9	24.3	20.8	16.6	21.1	230	15.1	15.6	11.4
Magnesium	15300	4310	2860	2380	4980	608 B	4810 B	11000 B	11700 B
Manganese	312	275	113	69.4	432	1890 B	407 B	444 B	329 B
Nickel	17.8	77.5	25.0	20.3	44.0	NA	38.2	35.1	27.8
Potassium	1320	945	649	742	1160	222	308	946	1200
Selenium	<4.5	0.48 J	0.94 J	0.61 J	<4.7	NA	<4.9	<4.1	<4.9
Silver	<0.67	<0.68	<0.57	<0.65	<0.71	<0.73	<0.73	<0.62	<0.73
Sodium	200	71.8 J	43.0 J	32.7 J	73.6 J	49.3 J	40.9 J B	125 J B	151 J B
Thallium	<6.7	<6.8	<5.7	<6.5	<7.1	<7.3	<7.3	<6.2	<7.3
Vanadium	18.6	21.6	23.5	24.3	21.7	40.2	19.2	16.7	16.2
Zinc	40.5	85.5	83.2	74.7	102	45.7 B	68.9 B	127 B	58.0 B

Table 6.4, Page 3
Confirmatory Sampling Analytical Results
Metals (ICP) - TCLP by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064	AS-CONF-14-0065
Field Sample ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064	AS-CONF-14-0065
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	8080	8020	8340	10400	6940	9000	7280	6590	9210
Antimony	<16.3	<15.9	<16.3	<18.2	<15.4	<16.6	<18.0	<15.7	<17.6
Arsenic	7.3	9.1	10.9	9.1	5.8	9.3	6.5	4.8	12.9
Barium	89.3	106	101	114	53.4	109	91.2	69.9	86.9
Beryllium	0.43	0.46	0.48	0.57	0.37	0.45	0.41	0.34	0.50
Cadmium	0.26	0.27	0.31	0.29	0.17 J	0.23	0.24	0.18 J B	0.26
Calcium	32100 B	29500 B	30900 B	12300 B	50800 B	31900 B	49300 B	51200 B	20100 B
Chromium	23.3	12.6	30.6	15.9	11.5	34.0	11.1	11.0	15.0
Cobalt	11.8	13.7	14.1	11.9	6.8	13.0	10.3	7.9	15.8
Copper	23.8	25.7	27.1	30.8	21.5	25.2	24.6	17.6	34.9
Iron	18000 B	20600 B	21600 B	24100 B	15800 B	21500 B	17100 B	13600 B	25900 B
Lead	11.1	17.3	17.1	15.0	9.2	13.2	10.5	7.9	14.9
Magnesium	11300 B	9850 B	11300 B	6270 B	13300 B	10900 B	15800 B	17800 B	8670 B
Manganese	322 B	353 B	291 B	367 B	235 B	337 B	389 B	281 B	367 B
Nickel	27.9	29.7	43.0	33.5	19.3	40.3	26.6	20.7	38.3
Potassium	1030	1140	949	1070	1160	1400	1170	1110	1230
Selenium	<4.4	<4.2	<4.3	<4.9	<4.1	<4.4	<4.8	<4.2	<4.7
Silver	<0.65	<0.64	<0.65	<0.73	<0.62	<0.66	<0.24	<0.63	<0.70
Sodium	126 J B	130 J B	94.4 J B	99.8 J B	164 B	144 J B	145 J B	176 B	109 J B
Thallium	<6.5	<6.4	<6.5	<7.3	<6.2	<6.6	<7.2	<6.3	<7.0
Vanadium	18.3	15.7	18.6	20.0	15.6	16.5	14.1	14.2	17.1
Zinc	58.5 B	63.5 B	74.1 B	77.0 B	54.7 B	60.8 B	61.8 B	44.1 B	72.9 B

Site ID	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073	AS-CONF-14-0074
Field Sample ID	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073	AS-CONF-14-0074
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	5890	7140	11000	10300	7480	8630	5990	8400	9590
Antimony	<15.6	<15.6	<15.5	<17.8	<16.9	<16.6	<17.2	<16.1	<17.1
Arsenic	3.9	7.8	20.6	9.6	8.9	9.3	4.8	5.5	7.1
Barium	167	94.8	112	166	132	86.3	69.6	79.9	93.1
Beryllium	0.33	0.39	0.72	0.80	0.47	0.49	0.36	0.51	0.49
Cadmium	0.14 J	0.21	0.44	0.55	0.23	0.30	0.17 J	0.31	0.21 J
Calcium	53400 B	30900 B	10700 B	3280 B	30700 B	24900 B	42600 B	22700 B	19900 B
Chromium	10.8	30.6	18.1	26.6	137	53.8	45.1	210	22.9
Cobalt	6.3	11.4	17.3	48.4	22.7	18.8	9.7	26.0	10.9
Copper	14.2	25.5	35.0	19.3	27.6	34.7	24.8	79.8	20.8
Iron	12600	17700 B	29500	30600	20200	22000	12700	18000	16600
Lead	8.5	14.9	38.5	42.8	13.2	19.6	15.3	60.4	13.9
Magnesium	20200	12400	5000	3040	10500	10000	13500	7420	6250
Manganese	331 *	272 *	428	957	322	402	290	472	241
Nickel	19.0	48.0	41.2	42.4	52.3	114	95.3	470	34.0
Potassium	1270	982	770	693	1190	1060	1230	841	877
Selenium	<4.1	<4.2	0.81 J	0.47 J	0.99 J	0.50 J	<4.6	0.85 J	<4.6
Silver	<0.62	<0.62	<0.62	<0.71	<0.68	<0.67	<0.69	<0.64	<0.68
Sodium	219	137 J	104 J	108 J	165	130 J	235	152	95.1 J
Thallium	<6.2	<6.2	<6.2	<7.1	<6.8	<6.7	<6.9	<6.4	<6.4
Vanadium	13.5	14.2	20.3	19.0	59.0	22.5	17.5	36.3	17.7
Zinc	36.3 B	60.9 B	89.1 B	74.9 B	57.3 B	74.8 B	36.7 B	55.9 B	59.5 B

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Confirmatory Sampling Analytical Results
Metals (ICP) - TCLP by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083
Field Sample ID	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	9120	10600	9060	8650 B	8300 B	5400 B	7540 B	9780 B	8860 B
Antimony	<16.2	<17.9	<15.4	0.91 J	1.3 J	<17.9	2.0 J	10.2 J	8.8 J
Arsenic	11.7	9.1	11.2	8.3	6.4	7.5	6.4	6.6	4.8
Barium	155	193	134	91.9	113	119	96.1	87.5	80.2
Beryllium	0.51	0.56	0.49	0.49	0.40	0.27	0.39	0.54	0.89
Cadmium	0.33	0.21 J	0.26	0.17 J	0.17 J	0.12 J	0.19 J	0.35	0.13 J
Calcium	4770 B	2070 B	12300 B	1570 B	24400 B	16100 B	33200 B	14000 B	46900 B
Chromium	16.9	195	57.6	70.4	296	12.0	394	2080	1750 *
Cobalt	11.7	17.8	17.1	12.7	15.2	7.8	12.3	29.9	21.2
Copper	47.1	28.1	25.8	28.7	34.0	18.1	28.3	67.9	36.2
Iron	32000	23400	30100	22600 B	19300 B	13600 B	18500 B	29600 B	24100 B*
Lead	16.4	9.8	26.8	15.2	12.3	15.1	14.2	18.7	10.6
Magnesium	3880	3770	5050	2910 B	7940 B	5700 B	9740 B	4870 B	11300 B
Manganese	279	302	224	264 B	424 B	155 B	313 B	706 B	596 B
Nickel	59.7	134	56.2	71.8	202	22.1	314	1520	1160
Potassium	704	889	923	778	1020	819	1020	810	1070
Selenium	0.86 J	<4.8	0.62 J	<4.8	0.73 J	<4.8	<4.6	2.0 J	1.9 J
Silver	<0.65	<0.72	<0.62	<0.72	<0.69	<0.72	<0.68	<0.63	<0.67
Sodium	51.7 J	78.9 J	151	65.2 J	119 J	148 J	153 J	92.6 J	205
Thallium	0.55 J	<7.2	<6.2	<7.2	<6.9	<7.2	<6.8	<6.3	<6.7
Vanadium	16.0	15.8	19.2	15.7	19.3	10.2	19.2	37.6	23.8
Zinc	67.7 B	67.7 B	54.8 B	77.8 B	58.0 B	33.7 B	55.2 B	69.8 B	47.3 B

Site ID	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092
Field Sample ID	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	8/28/2014	8/29/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/29/2014	8/29/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	7870 B	8660 B	7320 B	8130 B	7230 B	7760 B	7180 B	7030	8870
Antimony	24.4 J	14.1 J	28.0 J	0.46 J	<15.4	<17.0	9.7 J	0.64 J	<16.3
Arsenic	2.3 J	7.2	2.8 J	5.6	5.4	5.8	9.3	10.8	8.0
Barium	64.7	75.8	77.8	67.5	70.3	98.6	69.4	665	73.2
Beryllium	0.48	0.45	<0.23	0.35	0.34	0.39	0.39	0.39	0.45
Cadmium	0.18 J	0.26	0.20 J	0.16 J	0.13 J	0.17 J	0.32	0.33	0.19 J
Calcium	15900 B	25100 B	32500 B	44400 B	46400 B	39500 B	32600 B	86100 B	28100 B
Chromium	5500	2980 *	6500	17.3 *	16.3 *	15.0 *	1950 *	28.1	43.7
Cobalt	50.2	55.6	58.8	10.4	9.3	8.8	52.2	10.2	12.6
Copper	58.5	87.4	65.1	23.7	21.5	20.8	65.0	26.4	36.2
Iron	34600 B*	31100 B*	35800 B*	16900 B*	15000 B*	16000 B*	28500 B*	16000	20700
Lead	13.4	23.3	5.6	9.5	9.6	9.3	18.5	22.0 B	11.5 B
Magnesium	5770 B	7230 B	8460 B	9170 B	11200 B	10200 B	11600 B	5240	9250
Manganese	588 B	678 B	810 B	284 B	343 B	270 B	492 B	577 B	348 B
Nickel	2570	1940	3880	45.7	33.8	25.1	1000	45.2	146
Potassium	636	796	973	1070	1080	1130	1000	1370	1520
Selenium	1.6 J	2.6 J	1.6 J	0.85 J	1.1 J	0.97 J	2.1 J	1.5 J B	0.76 J B
Silver	<0.63	<0.65	<0.68	<0.66	<0.62	<0.68	<0.71	<0.62	<0.65
Sodium	97.5 J	108 J	146 J	156	387	204	132 J	161 B	157 B
Thallium	1.1 J	0.62 J	1.5 J	<6.6	<6.2	<6.8	0.48 J	<6.2	<6.5
Vanadium	46.4	69.9	36.6	14.6	14.1	16.0	37.9	15.1	18.1
Zinc	58.8	72.2 B	71.2 B	53.6 B	47.2 B	47.3 B	67.8 B	71.5 B	55.2 B

Table 6.4, Page 5
Confirmatory Sampling Analytical Results
Metals (ICP) - TCLP by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R
Field Sample ID	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	8/29/2014	8/29/2014	8/29/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	11400	13600	13200	11900	10900	12400	17800	7860	5710
Antimony	<17.3	0.54 J	<18.6	2.4 J	2.8 J	0.89 J	1.5 J	<15.3	<15.2
Arsenic	13.3	14.0	6.8	7.9	11.3	6.1	6.0	6.1	2.8
Barium	174	101	99.9	85.0	93.4	87.1	111	72.2	80.5
Beryllium	1.6	0.67	0.58	1.4	0.61	1.7	2.9	0.37	0.25
Cadmium	0.35	0.15 J	0.26	0.19	0.29	0.42	0.16 J	0.19 J	0.13 J
Calcium	19300 B	11400 B	13800 B	40900 B	16400 B	47100 B	85600 B	51400 B	55100 B
Chromium	39.5	59.1	16.9	477	590	100	230	12.2	10.0
Cobalt	23.6	20.7	9.7	19.5	21.7	11.7	13.5	9.4	4.1
Copper	26.9	38.4	18.9	38.5	45.2	27.4	28.6	20.8	11.9
Iron	31500	28700	20600	18900 B	23600 B*	13900 B	17000 B	15700 B*	8990 B*
Lead	32.0 B	18.7 B	14.2 B	19.1	22.4	14.4	13.8	9.2	8.9
Magnesium	6520	7360	5600	10000	7710	9910	22100	14500	19800
Manganese	1170 B	358 B	451 B	723	486	709	1900	311	191
Nickel	113	98.7	23.3	442	354	135	260	20.8	10.6
Potassium	1340	2110	1580	1140	1270	1140	1150	1310	1330
Selenium	0.59 J B	<4.8	0.91 J B	1.9 J	1.3 J	1.0 J	2.2 J	1.2 J	2.2 J
Silver	<0.69	<0.72	<0.74	<0.58	<0.72	<0.59	<0.60	<0.61	<0.61
Sodium	141 J B	153 J B	174 B	233	109 J	291	476	135 J	189 J
Thallium	<6.9	<7.2	<7.4	<5.8	<7.2	<5.9	<6.0	<6.1	<6.1
Vanadium	26.2	29.2	23.7	30.4	29.6	25.1	34.6	16.4	13.8
Zinc	52.8 B	62.1 B	66.3 B	47.9 B	72.6 B	38.5 B	27.7 B	50.9 B	31.2 B

Site ID	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R
Field Sample ID	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	11300	11300	9660	11700	13200	10500	10800	15800	12600
Antimony	1.1 J	0.66 J	0.78 J	0.98 J	0.42 J	0.82 J	1.1 J	4.9 J	0.96 J
Arsenic	9.1	13.1	7.9	6.0	7.6	11.9	8.2	11.7	6.5
Barium	170	179	76.5	81.4	114	72.9	97.6	198	93.3
Beryllium	0.57	0.6	0.52	0.53	0.72	0.51	0.96	2.2	1.7
Cadmium	0.22 J	0.30	0.23	0.20	0.66	0.28	0.24	0.24	0.22
Calcium	2450 B	2640 B	2360 B	4340 B	1670 B	10300 B	34600 B	72900 B	52100 B
Chromium	15.9	16.9	15.9	86.8	16.5	43.8	125	1340	103
Cobalt	10	10.1	10.5	12.7	51.5	11.8	16.4	41.6	14.8
Copper	35.1	36.7	28.5	24.3	28.2	30.0	30.2	91.6	31.1
Iron	23300 B*	29000 B*	20300 B*	19100 B*	22500 B*	21600 B*	16600 B*	18400 B*	12800 B*
Lead	12.5	12.7	12.6	12.7	28.1	16.3	19.5	31.7	18.2
Magnesium	3910	4020	3060	3630	2900	5290	7670	13000	13000
Manganese	258	314	321	289	2090	426	784	1840	741
Nickel	31.1	35.5	27.9	66.0	32.4	60.7	152	1430	152
Potassium	947	908	971	1130	946	1050	1010	1220	1020
Selenium	<4.7	<3.9	<4.0	0.87 J	<4.0	<4.4	<4.1	3.8 J	0.92 J
Silver	<0.70	<0.59	<0.59	<0.61	<0.61	<0.66	<0.62	0.72	<0.67
Sodium	52.2 J	50.1 J	42.7 J	61.9 J	47.1 J	76.2 J	182 J	393	285
Thallium	<7.0	<5.9	<5.9	<6.1	0.54 J	<6.6	<6.2	0.52 J	<6.7
Vanadium	18.5	19.4	16.9	30.0	25.4	20.2	26.1	118	23.4
Zinc	92.5 B	79.7 B	74.9 B	61.9 B	59.1 B	68.1 B	51.2 B	105 B	43.7 B

Table 6.4, Page 6
Confirmatory Sampling Analytical Results
Metals (ICP) - TCLP by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R
Field Sample ID	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	10/29/2014	10/29/2014	10/29/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	11/6/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	10100	16900	11700	10500	25600	10400	16500	12000	12700
Antimony	0.55 J	1.9 J	0.77 J	<15.9	<16.5	<15.8	<14.8	<14.9	1.2 J
Arsenic	9.1	12.7	10.3	12.5	10.9	7.2	4.8	6.2	6.8
Barium	90.3	139	90.2	103	301	78.8	99.9	87.6	106
Beryllium	0.5	2	0.87	1.5	3.7	1.4	2.4	1.9	0.69
Cadmium	0.31	0.45	0.25	0.44	0.22	0.22	0.15 J	0.17 J	0.21 J
Calcium	10700 B	73500 B	23000 B	50900 B	96300 B	35600 B	60900 B	57400 B	3400 B
Chromium	50.1	432	115	1010	808	249	164	294	66.1
Cobalt	15.2	87.1	13.4	112	74.9	18.8	13.3	13.5	17.1
Copper	26.1	178	32.5	137	64.1	32.3	19.2	29.9	24.0
Iron	20500 B*	22700 B*	21400 B*	32800 B	50000 B	19400 B	12600 B	22000 B	22300 B
Lead	18.3	85.5	20.1	48.3	36.0	20.0	21.1	20.1	12.9
Magnesium	4920	15400	7000	9620	15000	8870	19400	13200	3840 B
Manganese	453	740	635	1970 B*	6190 B*	965 B*	921 B	1150 B	312 *
Nickel	74.2	391	148	1090	630	261	145	257	67.8
Potassium	914	1030	1100	832	1640	993	1210	1050	1170
Selenium	<4.1	3.4 J	1.2 J	5.3	<22.0	1.5 J	0.53 J	1.4 J	<4.6
Silver	<0.61	2.1	<0.75	0.49 J	<3.3	<0.63	<0.59	<0.60	<0.69
Sodium	59.1 J	282	139 J	249	522	207	485	298	75.5 J
Thallium	<6.1	<6.5	<7.5	<6.4	<33.0	<6.3	<5.9	<6.0	<6.9
Vanadium	22.6	204	30.9	180	118	37.0	40.2	32.2	28.8
Zinc	64.2 B	256 B	65.8 B	127 B	63.3 B	45.9 B	32.8 B	37.1 B	64.9 B*

Site ID	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Field Sample ID	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	11/6/2014	11/6/2014	11/6/2014	11/6/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	11600	7630	10300	8600	11300	9350	10900	9680
Antimony	1.0 J	1.5 J	2.0 J	1.8 J	1.1 J	14.9 J	0.87 J	0.57 J
Arsenic	10.7	10.4	14.5	11.6	5.4	7.0	5.4	4.9
Barium	115	25.5	40.9	30.2	116	77.1	80.0	86.8
Beryllium	0.78	0.46	0.60	0.51	0.49	0.44	0.49	0.46
Cadmium	0.29	0.042 J	0.091 J	0.037 J	0.12 J	0.093 J	0.19 J	0.11 J
Calcium	13000 B	1170 B	1430 B	1370 B	3280 B	26400 B	34400 B	33400 B
Chromium	211	11.3	15.4	13.1	58.3	1070	31.6	15.8
Cobalt	25.2	19.9	22.4	21.3	8.8	18.3	15.8	9.8
Copper	41.0	32.3	35.6	31.5	25.5	32.3	22.5	20.2
Iron	28000 B	25500 B	31900 B	27600 B	16900	21800	17300	16600
Lead	22.3	24.8	28.5	24.9	11.0	11.6	10.4	8.6
Magnesium	5930 B	4060 B	5320 B	4540	7930 B	8740 B	13300 B	9080 B
Manganese	663 *	143 *	184 *	162 *	290 B	324 B	394 B	464 B
Nickel	323	35.8	42.7	38.4	111	871	90.3	25.1
Potassium	1150	972	1360	1150	1350	1340	1810	1750
Selenium	0.95 J	0.74 J	1.6 J	0.93 J	0.45 J	0.85 J	0.56 J	<4.4
Silver	<0.71	<0.68	<0.68	<0.63	<0.68	<0.62	<0.71	<0.67
Sodium	140 J	98.5 J	121 J	106 J	140 J	171	191	225
Thallium	<7.1	<6.8	<6.8	<6.3	<6.8	<6.2	<7.1	<6.7
Vanadium	77.7	9.4	12.4	10.7	18.9	34.4	19.1	20.0
Zinc	86.8 B*	42.8 B*	62.4 B*	48.6 B*	48.9 B	53.2 B	46.4 B	37.8 B

Notes:

Bold - Indicates analyte detected by laboratory.

U - Not detected at laboratory method detection limit.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

E - Result exceeded calibration range.

* - Instrument related QC is outside acceptance limits.

Table 6.5
Confirmatory Sampling Analytical Results
Mercury in Solid/Semi-Solid Waste by Method 7471B
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Field Sample ID	AS-CONF-14-0001	AS-CONF-14-0002	AS-CONF-14-0003	AS-CONF-14-0004	AS-CONF-14-0005	AS-CONF-14-0006	AS-CONF-14-0007	AS-CONF-14-0008	AS-CONF-14-0009
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	6/17/2014	6/17/2014	6/17/2014	6/17/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.048	0.014 J	0.027	0.036	0.090	0.055	0.067	0.023 J	0.057

Site ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Field Sample ID	AS-CONF-14-0010	AS-CONF-14-0011	AS-CONF-14-0012	AS-CONF-14-0013	AS-CONF-14-0014	AS-CONF-14-0015	AS-CONF-14-0016	AS-CONF-14-0017	AS-CONF-14-0018
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	6/19/2014	6/19/2014	6/19/2014	7/15/2014	7/15/2014	7/15/2014	7/15/2014	7/30/2014	7/30/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.031	0.069	0.042	<0.022	0.014 J	0.036	0.026	0.038	0.026

Site ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Field Sample ID	AS-CONF-14-0019	AS-CONF-14-0014R	AS-CONF-14-0020	AS-CONF-14-0021	AS-CONF-14-0022	AS-CONF-14-0023	AS-CONF-14-0024	AS-CONF-14-0025	AS-CONF-14-0026
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	7/30/2014	7/31/2014	7/31/2014	7/31/2014	7/31/2014	7/31/2014	7/31/2014	7/31/2014	7/31/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.038	0.020 J	0.038	0.029	0.027	0.014 J	0.023	0.036	0.023

Site ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Field Sample ID	AS-CONF-14-0027	AS-CONF-14-0028	AS-CONF-14-0029	AS-CONF-14-0030	AS-CONF-14-0031	AS-CONF-14-EF	AS-CONF-14-0054	AS-CONF-14-0055	AS-CONF-14-0056
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	7/31/2014	7/31/2014	7/31/2014	7/31/2014	7/31/2014	8/14/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.0089 J	0.028	0.037	0.041	0.031	<0.023	0.013 J	0.016 J	0.0089 J

Site ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064	AS-CONF-14-0065
Field Sample ID	AS-CONF-14-0057	AS-CONF-14-0058	AS-CONF-14-0059	AS-CONF-14-0060	AS-CONF-14-0061	AS-CONF-14-0062	AS-CONF-14-0063	AS-CONF-14-0064	AS-CONF-14-0065
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014	8/26/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.0082 J	0.014 J	0.015 J	0.014 J	<0.022	0.011 J	<0.023	<0.022	<0.022

Table 6.5, Page 2
Confirmatory Sampling Analytical Results
Mercury in Solid/Semi-Solid Waste by Method 7471B
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073	AS-CONF-14-0074
Field Sample ID	AS-CONF-14-0066	AS-CONF-14-0067	AS-CONF-14-0068	AS-CONF-14-0069	AS-CONF-14-0070	AS-CONF-14-0071	AS-CONF-14-0072	AS-CONF-14-0073	AS-CONF-14-0074
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014	8/27/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.010 J	0.018 J	0.013 J	0.022	<0.021	0.016 J	<0.022	0.020 J	0.022

Site ID	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083
Field Sample ID	AS-CONF-14-0075	AS-CONF-14-0076	AS-CONF-14-0077	AS-CONF-14-0078	AS-CONF-14-0079	AS-CONF-14-0080	AS-CONF-14-0081	AS-CONF-14-0082	AS-CONF-14-0083
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	8/27/2014	8/27/2014	8/27/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.011 J	0.019 J	0.0097 J	0.018 J	0.010 J	0.011 J	0.013 J	0.017 J	<0.021

Site ID	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092
Field Sample ID	AS-CONF-14-0084	AS-CONF-14-0085	AS-CONF-14-0086	AS-CONF-14-0087	AS-CONF-14-0088	AS-CONF-14-0089	AS-CONF-14-0090	AS-CONF-14-0091	AS-CONF-14-0092
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/28/2014	8/29/2014	8/29/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.023	0.031	0.016 J	0.014 J	0.010 J	0.015 J	0.026	0.014 J	0.020 J

Site ID	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R
Field Sample ID	AS-CONF-14-0093	AS-CONF-14-0094	AS-CONF-14-0095	AS-CONF-14-0013R	AS-CONF-14-0022R	AS-CONF-14-0025R	AS-CONF-14-0028R	AS-CONF-14-0031R	AS-CONF-14-0067R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	8/29/2014	8/29/2014	8/29/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.021	0.024	0.035	0.011 J	0.029	0.012 J	<0.022	0.0083 J	0.010 J

Site ID	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R
Field Sample ID	AS-CONF-14-0068R	AS-CONF-14-0069R	AS-CONF-14-0071R	AS-CONF-14-0072R	AS-CONF-14-0073R	AS-CONF-14-0054R	AS-CONF-14-0076R	AS-CONF-14-0087R	AS-CONF-14-0090R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.018 J	0.021 J	0.045	0.016 J	0.020 J	0.017 J	0.024	0.019 J	0.019 J

Table 6.5, Page 3
Confirmatory Sampling Analytical Results
Mercury in Solid/Semi-Solid Waste by Method 7471B
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R
Field Sample ID	AS-CONF-14-0091R	AS-CONF-14-0092R	AS-CONF-14-0093R	AS-CONF-14-0096	AS-CONF-14-0097	AS-CONF-14-PF	AS-CONF-14-PFW1	AS-CONF-14-PFW2	AS-CONF-14-0082R
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	10/29/2014	10/29/2014	10/29/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	10/30/2014	11/6/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.026	0.014 J	0.028	0.016 J	0.018 J	0.012 J	<0.021	0.014 J	0.024

Site ID	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Field Sample ID	AS-CONF-14-0086R	AS-CONF-14-0098	AS-CONF-14-0099	AS-CONF-14-0100	AS-CONF-14-0101	AS-CONF-14-0102	AS-CONF-14-0103	AS-CONF-14-0104
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	11/6/2014	11/6/2014	11/6/2014	11/6/2014	12/3/2014	12/3/2014	12/3/2014	12/3/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.023	<0.020	<0.020	<0.020	0.013 J	0.014 J	<0.023	<0.022

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

Table 7.1
Waste Characterization Sampling Analytical Results
VOCs, Organic Pestisides, Mercury, and SVOCs*
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CHAR-14-0010	AS-CHAR-14-0015
Field Sample ID	AS-CHAR-14-0010	AS-CHAR-14-0015
Sample Matrix	Soil	Soil
Sample Type	VOCs - TCLP	VOCs - TCLP
Sample Date	6/19/2014	6/20/2014
Analysis Type	8260C	8260C
Analyte (µg/L)	Primary	Primary
Benzene	<200	<200
Tetrachloroethene	49 J	38 J

Site ID	AS-SLAG-CHAR
Field Sample ID	AS-SLAG-CHAR
Sample Matrix	Soil
Sample Type	Mercury - TCLP
Sample Date	6/19/2014
Analysis Type	7470A
Analyte (mg/L)	Primary
Mercury	0.0009

Site ID	AS-CHAR-14-0001	AS-CHAR-14-0002	AS-CHAR-14-0003	AS-CHAR-14-0004	AS-CHAR-14-0005	AS-CHAR-14-0006
Field Sample ID	AS-CHAR-14-0001	AS-CHAR-14-0002	AS-CHAR-14-0003	AS-CHAR-14-0004	AS-CHAR-14-0005	AS-CHAR-14-0006
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Organic Pestisides - TCLP	Organic Pestisides - TCLP	Organic Pestisides - TCLP	Organic Pestisides - TCLP	Organic Pestisides - TCLP	Organic Pestisides - TCLP
Sample Date	6/5/2014	6/5/2014	6/5/2014	6/5/2014	6/5/2014	6/18/2014
Analysis Type	8081B	8081B	8081B	8081B	8081B	8081B
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary
gamma-BHC (Lindane)	0.000061 J	0.000061 J	0.000075 J	0.0001 J	0.000061 J	0.00012 J
Heptachlor	<0.00020	<0.00020	<0.00020	0.00011 J	<0.00020	<0.00020
Methoxychlor	<0.00020	<0.00020	0.000086 J	<0.00020	0.000076 J	<0.00020

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

For full data please see analytical data packages. Only samples with detections are included in the table above.

*All SVOC samples were non-detect.

Table 7.2
Waste Characterization Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-C042401	AS-C042402	AS-C042403	AS-CHAR-14-0001	AS-CHAR-14-0002	AS-CHAR-14-0003	AS-CHAR-14-0004	AS-CHAR-14-0005	AS-CHAR-14-0006
Field Sample ID	AS-C042401	AS-C042402	AS-C042403	AS-CHAR-14-0001	AS-CHAR-14-0002	AS-CHAR-14-0003	AS-CHAR-14-0004	AS-CHAR-14-0005	AS-CHAR-14-0006
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	4/24/2014	4/24/2014	4/24/2014	6/5/2014	6/5/2014	6/5/2014	6/5/2014	6/5/2014	6/18/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.23	<0.20	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	130
PCB-1221	<0.23	<0.20	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<29
PCB-1232	<0.23	<0.20	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<29
PCB-1242	1.4	2.5	0.20	0.19 J	<0.28	0.84	52	6	<29
PCB-1248	<0.23	<0.20	<0.20	<0.28	1	<0.28	<0.28	<0.28	39
PCB-1254	<0.23	<0.20	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<29
PCB-1260	<0.23	<0.20	<0.20	<0.28	<0.28	<0.28	<0.28	<0.28	<29

Site ID	AS-CHAR-14-0007	AS-CHAR-14-0008	AS-CHAR-14-0009	AS-CHAR-14-0010	AS-SLAG-CHAR	AS-CHAR-14-0011	AS-CHAR-14-0012	AS-CHAR-14-0013	AS-CHAR-14-0014
Field Sample ID	AS-CHAR-14-0007	AS-CHAR-14-0008	AS-CHAR-14-0009	AS-CHAR-14-0010	AS-SLAG-CHAR	AS-CHAR-14-0011	AS-CHAR-14-0012	AS-CHAR-14-0013	AS-CHAR-14-0014
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/20/2014	6/20/2014	6/20/2014	6/20/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<20	<11	<0.28	<19	<0.27	<3.9	<3.9	<4.1	<3.7
PCB-1221	<20	<11	<0.28	<19	<0.27	<3.9	<3.9	<4.1	<3.7
PCB-1232	510	<11	<0.28	<19	<0.27	150	160	280	210
PCB-1242	<20	100	2.7	370	<0.27	<3.9	<3.9	<4.1	<3.7
PCB-1248	<20	<11	<0.28	<19	0.63	<3.9	<3.9	<4.1	<3.7
PCB-1254	<20	<11	<0.28	<19	<0.27	<3.9	<3.9	<4.1	<3.7
PCB-1260	<20	<11	<0.28	<19	<0.27	<3.9	<3.9	<4.1	<3.7

Site ID	AS-CHAR-14-0015	AS-CHAR-14-0016	AS-CHAR-14-0017	AS-CHAR-14-0018	AS-CHAR-14-0019	AS-CHAR-14-0020	AS-CHARAC-14-PILE1	AS-CHARAC-14-PILE2	AS-CHAR-14-0021
Field Sample ID	AS-CHAR-14-0015	AS-CHAR-14-0016	AS-CHAR-14-0017	AS-CHAR-14-0018	AS-CHAR-14-0019	AS-CHAR-14-0020	AS-CHARAC-14-PILE1	AS-CHARAC-14-PILE2	AS-CHAR-14-0021
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/20/2014	6/20/2014	6/20/2014	6/20/2014	6/20/2014	6/24/2014	6/23/2014	6/23/2014	6/24/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<3.5	<3.7	<4.8	<3.7	<12	<25	<5.8	<6.2	<27
PCB-1221	<3.5	<3.7	<4.8	<3.7	<12	<25	<5.8	<6.2	<27
PCB-1232	110	250	220	280	2700	440	420 E	610 E	340
PCB-1242	<3.5	<3.7	<4.8	<3.7	<12	<25	<5.8	<6.2	<27
PCB-1248	<3.5	<3.7	<4.8	<3.7	<12	<25	<5.8	<6.2	<27
PCB-1254	<3.5	<3.7	<4.8	<3.7	<12	<25	<5.8	<6.2	<27
PCB-1260	<3.5	<3.7	<4.8	<3.7	<12	<25	<5.8	<6.2	<27

Site ID	AS-CHAR-14-0022
Field Sample ID	AS-CHAR-14-0022
Sample Matrix	Soil
Sample Type	PCBs
Sample Date	6/24/2014
Analysis Type	8082A
Analyte (mg/Kg)	Primary
PCB-1016	<23
PCB-1221	<23
PCB-1232	300
PCB-1242	<23
PCB-1248	<23
PCB-1254	<23
PCB-1260	<23

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL.

The concentration given is approximate.

E - Result exceeded calibration range.

PCB exceedances are shaded grey.

Table 7.3
Waste Characterization Sampling Analytical Results
Metals (ICP) - TCLP by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-C042401	AS-C042402	AS-C042403	AS-CHAR-14-0001	AS-CHAR-14-0002	AS-CHAR-14-0003	AS-CHAR-14-0004	AS-CHAR-14-0005	AS-SLAG PILE FLOOR	AS-CHAR-14-0006
Field Sample ID	AS-C042401	AS-C042402	AS-C042403	AS-CHAR-14-0001	AS-CHAR-14-0002	AS-CHAR-14-0003	AS-CHAR-14-0004	AS-CHAR-14-0005	AS-SLAG PILE FLOOR	AS-CHAR-14-0006
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP
Sample Date	4/24/2014	4/24/2014	4/24/2014	6/5/2014	6/5/2014	6/5/2014	6/5/2014	6/5/2014	6/17/2014	6/18/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Arsenic	0.011 J*	0.0072 J*	0.0085 J*	<0.50	<0.50	<0.50	<0.50	<0.50	0.0062 J	0.00012 J
Barium	1.6 B	1.1 B	0.75 B	0.12 B	0.21 B	0.38	0.33 B	0.20 B	0.69 B	0.60 B
Cadmium	0.0017 J	0.0017 J	0.0019 J	0.0011 J	0.0013 J	0.0016 J	0.0044	0.003	0.0080	<0.0020
Chromium	0.0017 J B	0.0026 J B	0.0012 J B	0.0047 B	0.004 J B	0.004 J B	0.056 B	0.03 B	0.0016 B	0.15 B
Lead	0.0067 J	0.013	0.0092 J	<0.50	<0.50	<0.50	0.036 B	<0.50	0.0090 J	0.012
Selenium	<0.0087	<0.0087	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Silver	<0.0017	<0.0017	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0023 J

Site ID	AS-CHAR-14-0007	AS-CHAR-14-0008	AS-CHAR-14-0009	AS-CHAR-14-0010	AS-SLAG-CHAR	AS-CHAR-14-0011	AS-CHAR-14-0012	AS-CHAR-14-0013	AS-CHAR-14-0014	AS-CHAR-14-0015
Field Sample ID	AS-CHAR-14-0007	AS-CHAR-14-0008	AS-CHAR-14-0009	AS-CHAR-14-0010	AS-SLAG-CHAR	AS-CHAR-14-0011	AS-CHAR-14-0012	AS-CHAR-14-0013	AS-CHAR-14-0014	AS-CHAR-14-0015
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP
Sample Date	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/19/2014	6/20/2014	6/20/2014	6/20/2014	6/20/2014	6/20/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Arsenic	<0.50	<0.50	<0.50	<0.50	<0.015	<0.50	<0.50	0.032 J	0.047 J	<0.50
Barium	0.28 J B	0.33 J B	0.090 J B	0.97 J B	0.23 B	0.87 J B	1.1 J B	1.2 J B	1.2 J B	1.1 J B
Cadmium	0.0042 J	0.0031 J	<0.50	<0.50	0.0018 J	0.0039 J	0.0039 J	<0.50	<0.50	0.0023 J
Chromium	<0.50	<0.50	0.013 J	0.091 J	0.10 B	<0.50	0.044 J	0.19 J	0.32 J	0.065 J
Lead	<0.50	0.023 J	<0.50	0.027 J	<0.010	0.015 J	0.032 J	0.049 J	0.020 J	0.033 J
Selenium	<0.50	<0.50	<0.50	<0.50	<0.025	<0.50	<0.50	<0.50	<0.50	<0.50
Silver	0.0033 J B	<0.50	<0.50	<0.50	<0.0060	<0.50	<0.50	<0.50	<0.50	<0.50

Site ID	AS-CHAR-14-0016	AS-CHAR-14-0017	AS-CHAR-14-0018	AS-CHAR-14-0019
Field Sample ID	AS-CHAR-14-0016	AS-CHAR-14-0017	AS-CHAR-14-0018	AS-CHAR-14-0019
Sample Matrix	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP	Metals (ICP) - TCLP
Sample Date	6/20/2014	6/20/2014	6/20/2014	6/20/2014
Analysis Method	6010C	6010C	6010C	6010C
Analyte (mg/L)	Primary	Primary	Primary	Primary
Arsenic	<0.50	0.045 J	<0.50	<0.50
Barium	1.2 J B	1.6 J B	1.4 J B	1.3 J B
Cadmium	<0.50	<0.50	<0.50	<0.50 J
Chromium	0.039 J	0.17 J	0.072 J	0.10 J
Lead	0.02 J	<0.50	0.040 J	<0.50
Selenium	<0.50	<0.50	0.027 J	<0.50
Silver	0.0038 J B	0.0035 J B	<0.50	0.0029 J B

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

* - Instrument related QC is outside acceptance limits.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 8
Waste Water Characterization Sampling Analytical Results Altech Specialty Steel
Dunkirk, NY

Site ID	AS-CONF-14-ALTECH RINSE WATER
Field Sample ID	AS-CONF-14-ALTECH RINSE WATER
Sample Matrix	Water
Sample Type	Metals (ICP)
Sample Date	5/29/2015
Analysis Method	6010C
Analyte (mg/L)	Primary
Aluminum	0.12 J
Antimony	0.0071 J
Arsenic	<0.015
Barium	0.0097
Beryllium	<0.0020
Cadmium	<0.0020
Calcium	18.3
Chromium	0.0026 J
Cobalt	0.00071 J
Copper	0.010
Iron	2.9
Lead	<0.010
Magnesium	6.1
Manganese	0.051 B*
Nickel	0.063
Potassium	81.0
Selenium	<0.025
Silver	<0.0060
Sodium	20.7
Thallium	<0.020
Vanadium	0.0053
Zinc	0.075 B

Site ID	AS-CONF-14-ALTECH RINSE WATER
Field Sample ID	AS-CONF-14-ALTECH RINSE WATER
Sample Matrix	Water
Sample Type	SVOCs
Sample Date	5/29/2015
Analysis Method	8270D
Analyte (µg/L)	Primary
2-Methylnaphthalene	74
Naphthalene	3300

Site ID	AS-CONF-14-ALTECH RINSE WATER
Field Sample ID	AS-CONF-14-ALTECH RINSE WATER
Sample Matrix	Water
Sample Type	PCBs
Sample Date	5/29/2015
Analysis Type	8082A
Analyte (µg/L)	Primary
PCB-1016	<0.48
PCB-1221	<0.48
PCB-1232	<0.48
PCB-1242	0.40 J
PCB-1248	<0.48
PCB-1254	<0.48
PCB-1260	<0.48
PCB-1262	<0.48
PCB-1268	<0.48
PCBs, Total	0.40 J

Site ID	AS-CONF-14-ALTECH RINSE WATER
Field Sample ID	AS-CONF-14-ALTECH RINSE WATER
Sample Matrix	Water
Sample Type	VOCs
Sample Date	5/29/2015
Analysis Method	8260C
Analyte (µg/L)	Primary
Acetone	93 J

Notes:

Bold - Indicates analyte detected by laboratory.

B - Compound was found in the blank and sample.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

* - Instrument related QC is outside acceptance limits.

PCB exceedances shaded grey.

For full data please see analytical data packages. Only samples with detections are included in the table above.

All Mercury samples were non-detect.

Table 9.1
Backfill Sampling Analytical Results
SVOCs by Method 8270D
Altech Specialty Steel
Dunkirk, NY

Site ID	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 10	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05	POMFRET BACKFILL PF-06
Field Sample ID	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 10	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05	POMFRET BACKFILL PF-06
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs	SVOCs
Sample Date	11/26/2014	11/26/2014	12/8/2014	12/8/2014	12/8/2014	12/9/2014	12/9/2014
Analysis Method	8270D	8270D	8270D	8270D	8270D	8270D	8270D
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Benzo(a)anthracene	399 J	<920	450 J	<1900	<1900	<1900	350 J
Benzo(a)pyrene	400 J	430 J	410 J	<1900	<1900	<1900	360 J
Benzo(b)fluoranthene	<920	640 J	520 J	<1900	<1900	<1900	510 J
Benzo(g,h,i)perylene	<920	<920	390 J	<1900	<1900	<1900	320 J
Benzo(k)fluoranthene	<920	<920	270 J	<1900	<1900	<1900	<1900
Chrysene	<920	<920	540 J	<1900	<1900	<1900	470 J
Fluoranthene	<920	<920	1100 J	300 J	270 J	320 J	860 J
Indeno(1,2,3-cd)pyrene	<920	<920	340 J	<1900	<1900	<1900	240 J
Phenanthrene	<920	<920	520 J	<1900	<1900	<1900	560 J
Pyrene	<920	<920	930 J	<1900	<1900	<1900	620 J

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 9.2
Backfill Sampling Analytical Results
VOCs by Method 8260C
Altech Specialty Steel
Dunkirk, NY

Site ID	OLSON BACKFILL OB-11	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-05	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08
Field Sample ID	OLSON BACKFILL OB-11	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-05	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs	VOCs	VOCs	VOCs
Sample Date	12/2/2014	12/8/2014	12/9/2014	12/9/2014	12/9/2014	12/9/2014
Analysis Method	8260C	8260C	8260C	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary
Acetone	<25	**4.7 J**	**5.0 J**	**5.1 J**	**4.5 J**	**3.7 J**
Benzene	**0.24 J**	<4.3	<3.2	<4.2	<5.1	<3.9
Methyl acetate	<5.0	<4.3	<3.2	<4.2	<5.1	**3.1 J**
Toulene	**0.52 J**	**1.0 J**	<3.2	<4.2	<5.1	<3.9

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 9.3
Backfill Sampling Analytical Results
PCBs by Method 8082A
Altech Specialty Steel
Dunkirk, NY

Site ID	POMFRET BACKFILL	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 3	OLSON BACKFILL (0B) 4	OLSON BACKFILL (0B) 5	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8
Field Sample ID	POMFRET BACKFILL	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 3	OLSON BACKFILL (0B) 4	OLSON BACKFILL (0B) 5	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	11/5/2014	11/12/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.20	<0.20	<0.27	<0.24	<0.22	<0.22	<0.24	<0.19	<0.25
PCB-1221	<0.20	<0.20	<0.27	<0.24	<0.22	<0.22	<0.24	<0.19	<0.25
PCB-1232	<0.20	<0.20	<0.27	<0.24	<0.22	<0.22	<0.24	<0.19	<0.25
PCB-1242	<0.20	<0.20	<0.27	<0.24	<0.22	<0.22	<0.24	<0.19	<0.25
PCB-1248	<0.20	<0.20	<0.27	<0.24	<0.22	<0.22	<0.24	<0.19	<0.25
PCB-1254	<0.20	<0.20	<0.27	<0.24	<0.22	<0.22	<0.24	<0.19	<0.25
PCB-1260	<0.20	<0.20	<0.27	<0.24	<0.22	<0.22	<0.24	<0.19	<0.25

Site ID	OLSON BACKFILL (0B) 9	OLSON BACKFILL (0B) 10	OLESON BACKFILL OB-11	OLESON BACKFILL OB-12	Oleson Backfill	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05
Field Sample ID	OLSON BACKFILL (0B) 9	OLSON BACKFILL (0B) 10	OLESON BACKFILL OB-11	OLESON BACKFILL OB-12	Oleson Backfill	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	11/26/2014	11/26/2014	12/2/2014	12/2/2014	12/4/2014	12/8/2014	12/8/2014	12/8/2014	12/9/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.20	<0.21	<0.25	<0.24	<0.24	<0.21	<0.22	<0.28	<0.20
PCB-1221	<0.20	<0.21	<0.25	<0.24	<0.24	<0.21	<0.22	<0.28	<0.20
PCB-1232	<0.20	<0.21	<0.25	<0.24	<0.24	<0.21	<0.22	<0.28	<0.20
PCB-1242	<0.20	<0.21	<0.25	<0.24	<0.24	<0.21	<0.22	<0.28	<0.20
PCB-1248	<0.20	<0.21	<0.25	<0.24	<0.24	<0.21	<0.22	<0.28	<0.20
PCB-1254	<0.20	<0.21	<0.25	<0.24	<0.24	<0.21	<0.22	<0.28	<0.20
PCB-1260	<0.20	<0.21	<0.25	<0.24	<0.24	<0.21	<0.22	<0.28	<0.20

Site ID	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08	GER-BACKFIL-LP-01
Field Sample ID	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08	GER-BACKFIL-LP-01
Sample Matrix	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs
Sample Date	12/9/2014	12/9/2014	12/9/2014	12/23/2014
Analysis Type	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary
PCB-1016	<0.25	<0.25	<0.22	<0.21
PCB-1221	<0.25	<0.25	<0.22	<0.21
PCB-1232	<0.25	<0.25	<0.22	<0.21
PCB-1242	<0.25	<0.25	<0.22	<0.21
PCB-1248	<0.25	<0.25	<0.22	<0.21
PCB-1254	<0.25	<0.25	<0.22	<0.21
PCB-1260	<0.25	<0.25	<0.22	<0.21

Notes:
Bold - Indicates analyte detected by laboratory.

Table 9.4
Backfill Sampling Analytical Results
Metals by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	POMFRET BACKFILL	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 3	OLSON BACKFILL (0B) 4	OLSON BACKFILL (0B) 5	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8
Field Sample ID	POMFRET BACKFILL	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 3	OLSON BACKFILL (0B) 4	OLSON BACKFILL (0B) 5	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	11/5/2014	11/12/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	7720	10100	10100	9960	10100	10300	9520	8900	9200
Antimony	1.5 J	1.3 J	0.65 J	0.78 J	0.59 J	0.65 J	0.70 J	0.48 J	0.61 J
Arsenic	11.8	14.0	11.2	15.6	13.2	10.1	13.6	9.1	13.5
Barium	115	106	89.3 B	108 B	93.5 B	95.5 B	102 B	87.8 B	104 B
Beryllium	0.43	0.49	0.56	0.58	0.52	0.50	0.54	0.44	0.52
Cadmium	0.33	0.22	0.11 J	0.17 J	0.18 J	0.17 J	0.16 J	0.13 J	0.17 J
Calcium	11500 B	14000 B	6630 B	11200 B	12300 B	27500 B	19500 B	12100 B	14400 B
Chromium	11.1	14.2	14.8	16.0	14.4	14.1	13.2	11.6	12.9
Cobalt	11.7	14.4	12.4	15.0	13.6	12.3	12.9	10.8	13.8
Copper	30.7	36.0	30.7	36.4	39.3	55.8	35.7	29.0	35.7
Iron	23000 B	29400 B	26900 B	28500 B	29900 B	26300 B	26600 B	22400 B	26400 B
Lead	14.8	18.6	18.6	15.7	14.9	12.5	15.2	10.8	15.5
Magnesium	5160 B	5860	5720	6870	6420	6340	6660	5490	5890
Manganese	277 ^	447	396 B	532 B	572 B	578 B	482 B	654 B	541 B
Nickel	27.3	34.7	32.4	34.4	35.3	32.2	31.6	26.5	32.7
Potassium	1440	1300	1300	1450	1250	1350	1370	1150	1250
Selenium	0.51 J	<4.5	<4.3	<4.6	<4.1	<4.1	<4.5	<4.5	<4.4
Silver	<0.68	0.32 J	<0.65	<0.69	<0.61	<0.61	<0.67	<0.68	<0.65
Sodium	157 J	86.1 J	48.2 J	56.8 J	47.4 J	58.9 J	56.1 J	43.3 J	47.6 J
Thallium	<6.8	<6.7	<6.5	<6.9	<6.1	<6.1	<6.7	<6.8	<6.5
Vanadium	11.4	15.9	14.4	16.9	16.7	15.3	15.1	12.8	15.0
Zinc	143 B^	134 B	154 B	157 B	220 B	151 B	144 B	140 B	144 B

Site ID	OLSON BACKFILL (0B) 9	OLSON BACKFILL (0B) 10	OLSON BACKFILL OB-11	OLSON BACKFILL OB-12	OLESON BACKFILL	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05
Field Sample ID	OLSON BACKFILL (0B) 9	OLSON BACKFILL (0B) 10	OLSON BACKFILL OB-11	OLSON BACKFILL OB-12	OLESON BACKFILL	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	11/26/2014	11/26/2014	12/2/2014	12/2/2014	12/4/2014	12/8/2014	12/8/2014	12/8/2014	12/9/2014
Analysis Method	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Aluminum	8750	9740	7740	12000	11300	11300	9920	9580	9900
Antimony	0.50 J	0.51 J	<16.0	<17.7	1.6 J	2.2 J	2.3 J	1.7 J	1.8 J
Arsenic	10.3	13.0	12.3 B	13.5 B	14.3	16.2	17.9	13.7	14.0
Barium	89.4 B	100 B	81.6	110	107	167	132	142	132
Beryllium	0.45	0.54	0.44	0.68	0.62	0.62	0.53	0.52	0.54
Cadmium	0.17 J	0.17 J	0.30	0.28	0.29	0.54 B	0.61 B	0.44 B	0.51 B
Calcium	15600 B	10900 B	126000 B	10400 B	17100 B	13400 B	13500 B	11500 B	13100 B
Chromium	12.2	13.6	9.7	15.3	13.9	15.1	13.2	12.9	13.1
Cobalt	12.5	13.4	11.7	14.3	14.8	13.6	13.0	11.9	12.4
Copper	31.9	42.2	27.2	31.6	38.9	39.3 B	38.5 B	33.8 B	36.2 B
Iron	23100 B	27700 B	20200 B	27700 B	30000 B	30900	29400	27300	27500
Lead	12.2	16.1	13.3 B	16.1 B	18.2	18.3	20.0	15.5	17.5
Magnesium	5550	6130	4540	5360	6790 B	6330	5720	5460	6260
Manganese	618 B	461 B	739 B	526 B	499 B	366 B	305 B	321 B	318 B
Nickel	30.3	32.9	29.3	36.5	32.5	33.3	32.4	29.2	30.0
Potassium	1210	1320	1370	1710	1710	2070	1720	1690	1780
Selenium	<4.1	<4.4	<4.3	<4.7	<4.4	0.97 J B	1.0 J B	0.62 J B	1.1 J B
Silver	<0.62	<0.66	<0.64	<0.71	<0.66	<0.74	<0.70	<0.67	<0.68
Sodium	47.8 J	54.1 J	67.9 J	66.7 J	72.7 J	178	159 J	142 J	145 J
Thallium	<6.2	<6.6	<6.4	<7.1	<6.6	<7.4	<7.0	<6.7	<6.8
Vanadium	13.7	15.4	12.5	16.7	16.0	15.7	13.8	13.3	13.3
Zinc	128 B	162 B	114 B	166 B	155 B	85.6 B	81.7 B	71.4 B	82.1 B

Table 9.4, Page 2
Backfill Sampling Analytical Results
Metals by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08	GER-BACKFIL-LP-01
Field Sample ID	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08	GER-BACKFIL-LP-01
Sample Matrix	Soil	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	12/9/2014	12/9/2014	12/9/2014	12/23/2014
Analysis Method	6010C	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary	Primary
Aluminum	8870	11300	12100	7660
Antimony	1.7 J	2.1 J	1.8 J	<17.4
Arsenic	11.6	15.3	13.2	8.0
Barium	96.9	151	129	36.0
Beryllium	0.46	0.56	0.63	0.40
Cadmium	0.40 B	0.48 B	0.37 B	0.16 J
Calcium	11300 B	13000 B	12900 B	10700 B
Chromium	11.8	14.5	16.1	9.6
Cobalt	11.1	13.1	13.6	7.5
Copper	32.2 B	38.0 B	39.2 B	24.9
Iron	23600	30800	30000	19000
Lead	13.5	15.8	15.4	11.1
Magnesium	5470	5990	6380	5010
Manganese	323 B	383 B	335 B	292 B
Nickel	26.8	31.9	35.1	19.3
Potassium	1540	1920	2040	841
Selenium	<4.9	0.81 J B	<4.4	<4.6
Silver	<0.74	<0.74	<0.66	<0.70
Sodium	123 J	155 J	160	38.7
Thallium	0.39 J	<7.4	<6.6	<7.0
Vanadium	11.8	16.1	15.2	11.1
Zinc	106 B	80.6 B	77.3 B	94.5 B

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

^ - ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 9.5
Backfill Sampling Analytical Results
Organic Pestisides by Method 8081B
Altech Specialty Steel
Dunkirk, NY

Site ID	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 3	OLSON BACKFILL (0B) 4	OLSON BACKFILL (0B) 5	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8	OLSON BACKFILL (0B) 9
Field Sample ID	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 3	OLSON BACKFILL (0B) 4	OLSON BACKFILL (0B) 5	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8	OLSON BACKFILL (0B) 9
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Organic Pestisides	Organic Pestisides	Organic Pestisides	Organic Pestisides	Organic Pestisides	Organic Pestisides	Organic Pestisides	Organic Pestisides	Organic Pestisides
Sample Date	11/12/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014
Analysis Method	8081B	8081B	8081B	8081B	8081B	8081B	8081B	8081B	8081B
Analyte (µg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
4,4'-DDE	0.90 J	1.1 J	1.0 J	0.77 J	0.84 J	1.1 J	0.68 J	0.79 J	0.95 J
4,4'-DDT	0.64 J	0.94 J	0.75 J	0.71 J	0.70 J	.96 J	0.60 J	0.70 J	0.83 J
alpha-BHC	0.80 J B	0.95 J B	0.66 J B	0.61 J B	0.70 J B	.81 J B	0.59 J B	0.43 J B	0.65 J B
beta-BHC	<1.8	0.81 J	0.64 J	0.67 J	0.70 J	.97 J	1.1 J	0.61 J	0.58 J
delta-BHC	<1.8	0.44 J	<1.8	0.35 J	<1.8	.55 J	0.40 J	0.61 J	0.82 J

Site ID	OLSON BACKFILL (0B) 10	OLSON BACKFILL OB-11	OLSON BACKFILL OB-12	GER-BACKFIL-LP-01
Field Sample ID	OLSON BACKFILL (0B) 10	OLSON BACKFILL OB-11	OLSON BACKFILL OB-12	GER-BACKFIL-LP-01
Sample Matrix	Soil	Soil	Soil	Soil
Sample Type	Organic Pestisides	Organic Pestisides	Organic Pestisides	Organic Pestisides
Sample Date	11/26/2014	12/2/2014	12/2/2014	12/23/2014
Analysis Method	8081B	8081B	8081B	8081B
Analyte (µg/Kg)	Primary	Primary	Primary	Primary
4,4'-DDE	0.87 J	1.2 J	0.99 J	<1.8
4,4'-DDT	0.75 J	1.3 J	1.4 J	<1.8
alpha-BHC	0.65 J B	0.64 J B	0.69 J B	<1.8
beta-BHC	1.5 J	<1.8	<1.8	1.5 J
delta-BHC	1.2 J	0.72 J	<1.8	0.64 J B

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 9.6
Backfill Sampling Analytical Results
Mercury in Solid Waste by Method 7471B
Altech Specialty Steel
Dunkirk, NY

Site ID	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8	OLSON BACKFILL (0B) 9	OLSON BACKFILL (0B) 10	OLSON BACKFILL OB-11	OLSON BACKFILL OB-12
Field Sample ID	OLESON BACKFILL	OLSON BACKFILL (0B) 2	OLSON BACKFILL (0B) 6	OLSON BACKFILL (0B) 7	OLSON BACKFILL (0B) 8	OLSON BACKFILL (0B) 9	OLSON BACKFILL (0B) 10	OLSON BACKFILL OB-11	OLSON BACKFILL OB-12
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	11/12/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	11/26/2014	12/2/2014	12/2/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.0095 J	0.0095 J	0.0096 J	0.0094 J	0.0089 J	0.0093 J	0.011 J	0.014 J	0.015 J

Site ID	OLESON BACKFILL	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08
Field Sample ID	OLSON BACKFILL OB-12	POMFRET BACKFILL PF-02	POMFRET BACKFILL PF-03	POMFRET BACKFILL PF-04	POMFRET BACKFILL PF-05	POMFRET BACKFILL PF-06	POMFRET BACKFILL PF-07	POMFRET BACKFILL PF-08
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	12/4/2014	12/8/2014	12/8/2014	12/8/2014	12/9/2014	12/9/2014	12/9/2014	12/9/2014
Analysis Method	7471B	7471B	7471B	7471B	7471B	7471B	7471B	7471B
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Mercury	0.011 J	0.0093 J	0.012 J	0.019 J	0.015 J	0.014 J	0.013 J	0.012 J

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 10.1
Pre-Characterization Sampling Analytical Results
Metals, PCBs, Mercury, Organic Pestisides, and VOCs
Altech Specialty Steel
Dunkirk, NY

Site ID	AS-SLAG PILE FLOOR	AS-SLAG PILE FLOOR 02
Field Sample ID	AS-SLAG PILE FLOOR	AS-SLAG PILE FLOOR 02
Sample Matrix	Soil	Soil
Sample Type	Metals (ICP) - TCLP	Metals (ICP) - TCLP
Sample Date	6/17/2014	6/19/2014
Analysis Method	6010C	6010C
Analyte (mg/L)	Primary	Primary
Arsenic	0.0062 J	0.0089 J
Barium	0.69 B	0.70 B
Cadmium	0.008	0.0036 J
Chromium	0.016 B	0.074 B
Lead	0.009 J	0.064

Site ID	AS-SLAG PILE FLOOR	AS-SLAG PILE FLOOR 02
Field Sample ID	AS-SLAG PILE FLOOR	AS-SLAG PILE FLOOR 02
Sample Matrix	Soil	Soil
Sample Type	Organic Pestisides - TCLP	Organic Pestisides - TCLP
Sample Date	6/17/2014	6/19/2014
Analysis Type	8081B	8081B
Analyte (mg/L)	Primary	Primary
gamma-BHC (Lindane)	<0.00020	0.000049 J
Heptachlor	0.00012 J	<0.00020

Site ID	AS-SLAG PILE FLOOR	AS-FILTER PAD	AS-DECON PAD	AS-SLAG PILE FLOOR 02	AS-FILTER PAD
Field Sample ID	AS-SLAG PILE FLOOR	AS-FILTER PAD	AS-DECON PAD	AS-SLAG PILE FLOOR 02	AS-FILTER PAD
Sample Matrix	Soil	Soil	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs	PCBs	PCBs
Sample Date	6/17/2014	6/18/2014	6/18/2014	6/19/2014	6/19/2014
Analysis Type	8082A	8082A	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary	Primary	Primary
PCB-1016	<0.24	<0.23	<0.23	<0.24	<0.24
PCB-1221	<0.24	<0.23	<0.23	<0.24	<0.24
PCB-1232	<0.24	<0.23	<0.23	<0.24	<0.24
PCB-1242	<0.24	<0.23	<0.23	<0.24	<0.24
PCB-1248	0.054 J	0.13 J	<0.23	0.31	0.13 J
PCB-1254	<0.24	<0.23	<0.23	<0.24	<0.24
PCB-1260	<0.24	<0.23	<0.23	<0.24	<0.24

Site ID	AS-SLAG PILE FLOOR 02
Field Sample ID	AS-SLAG PILE FLOOR 02
Sample Matrix	Soil
Sample Type	Mercury - TCLP
Sample Date	6/19/2014
Analysis Type	7470A
Analyte (mg/L)	Primary
Mercury	0.00028

Site ID	AS-SLAG PILE FLOOR 02
Field Sample ID	AS-SLAG PILE FLOOR 02
Sample Matrix	Soil
Sample Type	VOCs - TCLP
Sample Date	6/19/2014
Analysis Type	8260C
Analyte (mg/L)	Primary
Chlorobenzene	0.008 J

Notes:

Bold - Indicates analyte detected by laboratory.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

B - Compound was found in the blank and sample.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 10.2
Post-Characterization Sampling Analytical Results
VOCs, SVOCs, PCBs, and Mercury
Altech Specialty Steel
Dunkirk, NY

Site ID	DECON PAD-PS	AS-CONF-14-FILTER PAD-PS	AS-CONF-14-SLAG PILE-PS
Field Sample ID	DECON PAD-PS	AS-CONF-14-FILTER PAD-PS	AS-CONF-14-SLAG PILE-PS
Sample Matrix	Soil	Soil	Soil
Sample Type	VOCs	VOCs	VOCs
Sample Date	5/29/2015	5/29/2015	5/29/2015
Analysis Method	8260C	8260C	8260C
Analyte (µg/Kg)	Primary	Primary	Primary
Benzene	0.30 J	<5.2	0.39 J B
Toulene	1.1 J	0.89 J	0.46 J

Site ID	DECON PAD-PS	AS-CONF-14-SLAG PILE-PS
Field Sample ID	DECON PAD-PS	AS-CONF-14-SLAG PILE-PS
Sample Matrix	Soil	Soil
Sample Type	Mercury in Soild Waste	Mercury in Soild Waste
Sample Date	5/29/2015	5/29/2015
Analysis Method	7471B	7471B
Analyte (mg/Kg)	Primary	Primary
Mercury	0.0098 J	0.013 J

Site ID	DECON PAD-PS	AS-CONF-14-FILTER PAD-PS	AS-CONF-14-SLAG PILE-PS
Field Sample ID	DECON PAD-PS	AS-CONF-14-FILTER PAD-PS	AS-CONF-14-SLAG PILE-PS
Sample Matrix	Soil	Soil	Soil
Sample Type	PCBs	PCBs	PCBs
Sample Date	5/29/2015	5/29/2015	5/29/2015
Analysis Type	8082A	8082A	8082A
Analyte (mg/Kg)	Primary	Primary	Primary
PCB-1016	<0.20	<0.22	<0.26
PCB-1221	<0.20	<0.22	<0.26
PCB-1232	0.25	<0.22	<0.26
PCB-1242	<0.20	<0.22	<0.26
PCB-1248	<0.20	<0.22	0.55
PCB-1254	<0.20	<0.22	<0.26
PCB-1260	<0.20	<0.22	<0.26

Site ID	AS-CONF-14-SLAG PILE-PS
Field Sample ID	AS-CONF-14-SLAG PILE-PS
Sample Matrix	Soil
Sample Type	SVOCs
Sample Date	5/29/2015
Analysis Method	8270D
Analyte (µg/Kg)	Primary
Benzo(a)pyrene	140 J
Fluoranthene	190 J
Pyrene	300 J

Notes:

Bold - Indicates analyte detected by laboratory.

B - Compound was found in the blank and sample.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

For full data please see analytical data packages. Only samples with detections are included in the table above.

Table 10.3
Post-Characterization Sampling Analytical Results
Metals by Method 6010C
Altech Specialty Steel
Dunkirk, NY

Site ID	DECON PAD-PS	AS-CONF-14-FILTER PAD-PS	AS-CONF-14-SLAG PILE-PS
Field Sample ID	DECON PAD-PS	AS-CONF-14-FILTER PAD-PS	AS-CONF-14-SLAG PILE-PS
Sample Matrix	Soil	Soil	Soil
Sample Type	Metals (ICP)	Metals (ICP)	Metals (ICP)
Sample Date	5/29/2015	5/29/2015	5/29/2015
Analysis Method	6010C	6010C	6010C
Analyte (mg/Kg)	Primary	Primary	Primary
Aluminum	11100	17100	12800
Antimony	<16.7	<16.9	<15.6 F1
Arsenic	12.0	16.1	11.4
Barium	109 B*	107 B*	112 B F1
Beryllium	0.50	0.92	0.64
Cadmium	0.11 J	<0.23	0.23
Calcium	21700 B	1370 B	10500 B
Chromium	17.4	21.5	107 F1
Cobalt	11.8	15.8	14.9
Copper	29.1	32.2	33.6
Iron	23200 B	33400 B	27500 B
Lead	16.6	18.2	20.8
Magnesium	5860 B	5440 B	4820 B
Manganese	545 B7	268 B7	660 B
Nickel	31.5	38.8	88.5
Potassium	1810	2430	1590 F1
Selenium	<4.4	<4.5	1.1 J
Silver	<0.67	<0.68	<0.62
Sodium	74.4 J	60.5 J	83.7
Thallium	0.44 J	<6.8	<6.2
Vanadium	18.1	21.9	25.3
Zinc	125 B	124 B	109 B

Notes:

Bold - Indicates analyte detected by laboratory.

U - Not detected at laboratory method detection limit.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is approximate.

F1 - MS and/or MSD Recovery is outside acceptance limits.

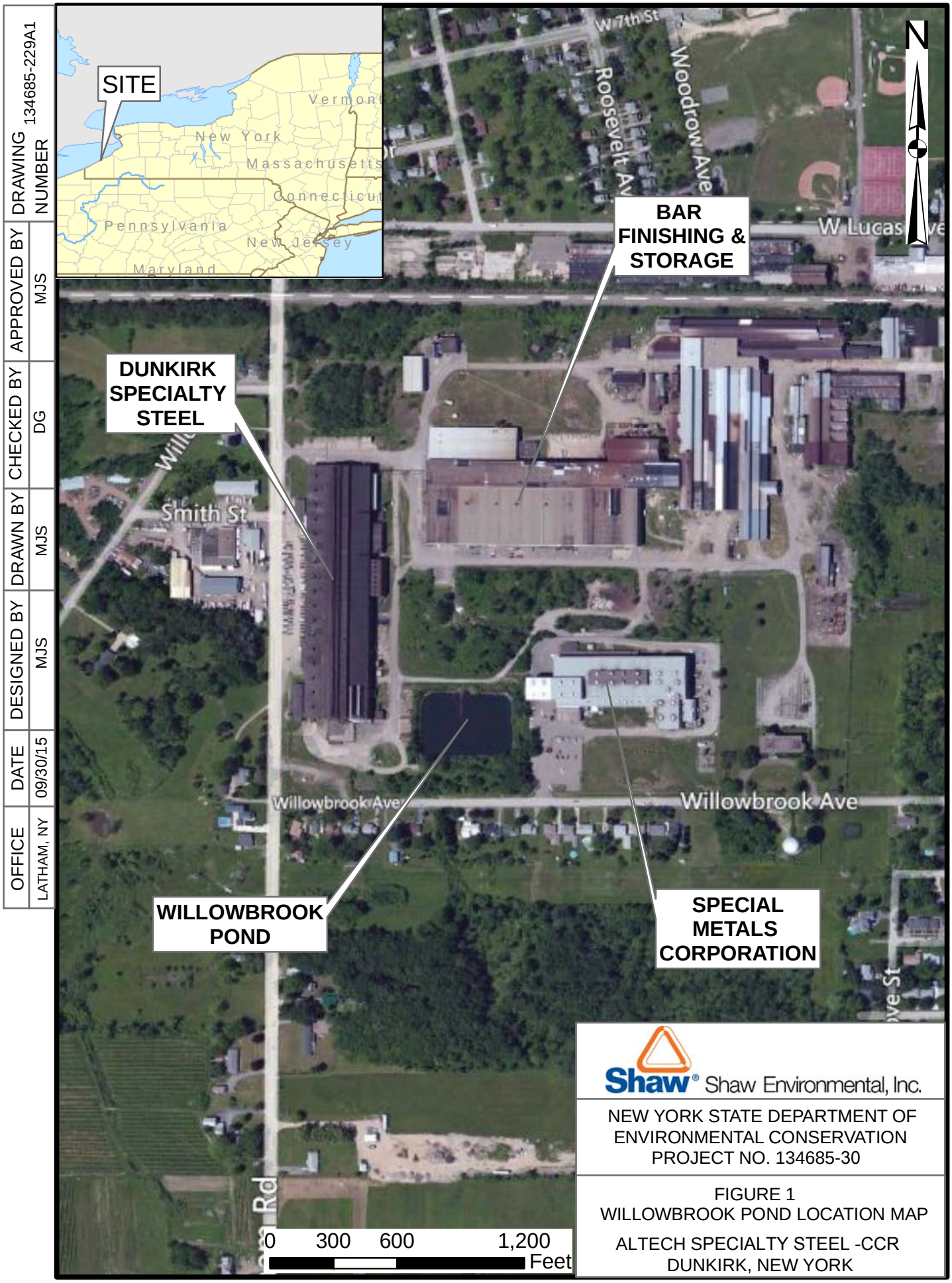
B - Compound was found in the blank and sample.

B7 - Target analyte detected in method blank at or above method reporting limit.

Concentration found in the sample was 10 times above theconcentration found in the blank.

* - Instrument related QC is outside acceptance limits.

For full data please see analytical data packages. Only samples with detections are included in the table above.



L:\NYSDEC 2008 Contracts\22 - AlTech\GIS\MXD\134685-22A1.mxd

OFFICE LATHAM, NY

DRAWING NUMBER 134685-Figure 5

RFI-23
WP-1
WP-2
WP-3
WP-4
BR-1
BR-2
BR-3
BR-4
RFI-14
RFI-15
WP-5
WP-7
WP-8

E 943,000
E 943,250
N 900,750
N 900,500

CONCRETE
ASPHALT
GRAVEL
BRICK BLDG.
SPECIAL METALS CORPORATION
EXISTING WELL POINT
CHAIN LINK FENCE
DISCHARGE
OVERFLOW
APPROXIMATE CENTER OF CREEK
HYDRANT
WATER VALVE
RECYCLE WATER POND (WILLOWBROOK POND)

AS-CHAR-14-0007 510 ppm – 1232
AS-CHAR-14-0008 100 ppm – 1242
AS-CHAR-14-0009 2.7 ppm – 1242
AS-CHAR-14-0004 52 ppm – 1242
AS-CHAR-14-0010 370 ppm – 1242
AS-CHAR-14-0019 2700 ppm – 1232
AS-CHAR-14-0005 6.0 ppm – 1242
AS-CHAR-14-0018 280 ppm – 1232
AS-CHARAC-14-0003 0.84 ppm – 1242
AS-CHAR-14-0020 440 ppm – 1232
AS-CHAR-14-0006 130 ppm – 1016 39 PPM – 1248
AS-CHAR-14-0021 340 ppm – 1232
AS-CHAR-14-PILE 1 420 ppm – 1232
AS-CHAR-14-0022 300 ppm – 1232
AS-CHAR-14-PILE 2 610 ppm – 1232
AS-CHAR-14-0017 220 ppm – 1232
AS-CHAR-14-0016 250 ppm – 1232
AS-CHAR-14-0011 150 ppm – 1232
AS-CHAR-14-0012 160 ppm – 1232
AS-CHAR-14-0013 280 ppm – 1232
AS-CHAR-14-0014 210 ppm – 1232
AS-CHAR-14-0015 110 ppm – 1232
AS-CHARAC-14-0002 0.19 ppm – 1242
AS-CHARAC-14-0001 0.19 ppm – 1248

VERIFY SCALE 1"

LEGEND:

- CONFIRMATORY SAMPLE LOCATION (mg/kg)

NOTES:

1. RESULTS SHOWN HAVE NOT BEEN VALIDATED.
2. EXCAVATION LIMITS ARE APPROXIMATE.

REFERENCES:

1. EXISTING SITE CONDITIONS TAKEN FROM DRAWING PREPARED BY RAZAK ASSOCIATES, PENFIELD, NEW YORK, 14526, DATED 8-11-2011.
2. COORDINATE SYTEM SHOWN IS BASED ON STATE PLANE NAD 1983, NEW YORK WEST.

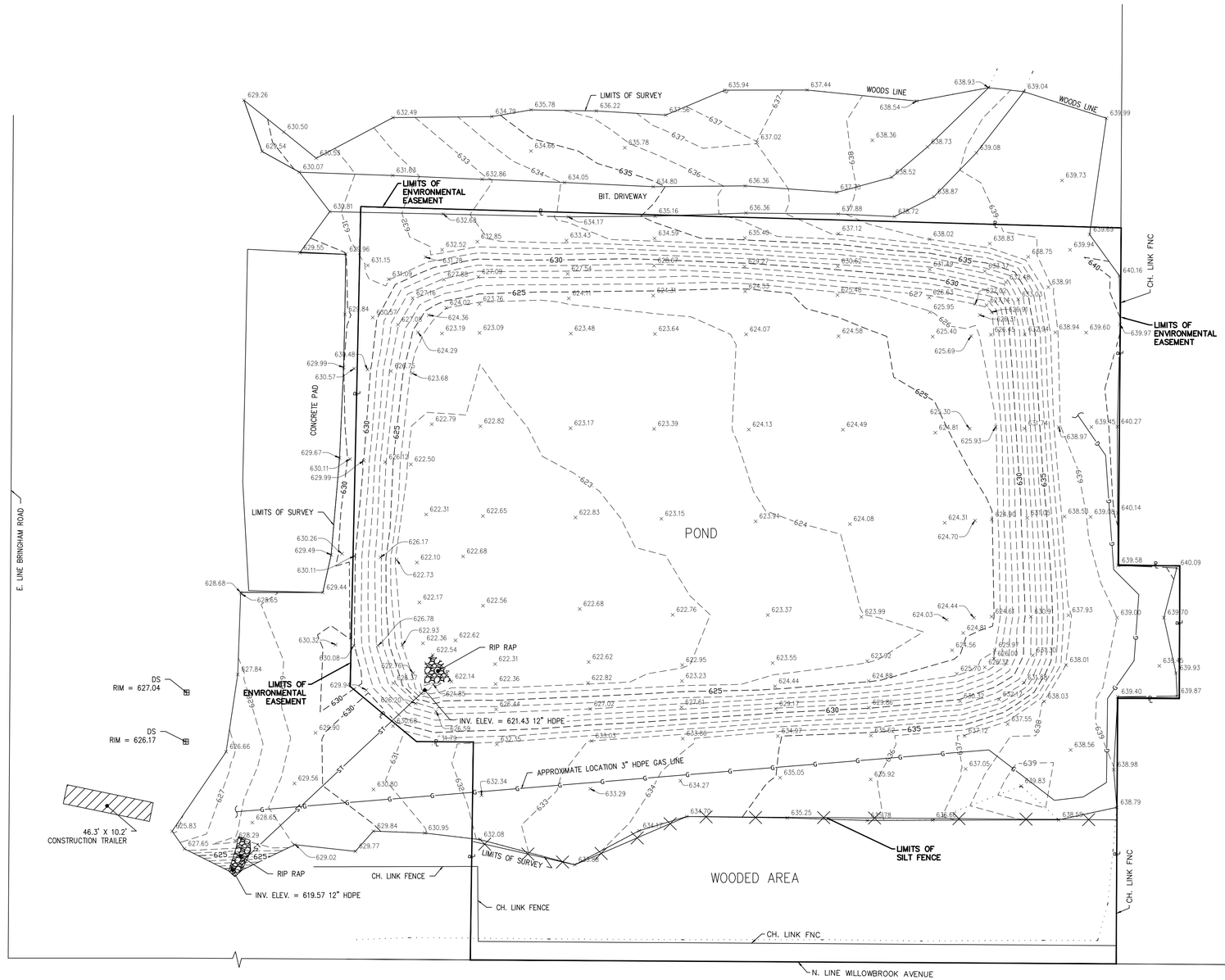
SCALE
0 25 50 75 FEET

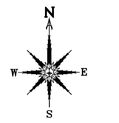
REV	DESCRIPTION / ISSUE	DATE	APPROVED

Shaw E & I Engineering of New York, P.C.

DESIGNED BY: M. SAUSVILLE	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION			
DRAWN BY: D. GARDNER	WASTE CHARACTERIZATION & SAMPLE LOCATION			
CHECKED BY: M. SAUSVILLE	ALTECH SPECIALTY STEEL CONTRACT NO. D008535 DUNKIRK, NEW YORK			
APPROVED BY: M. SAUSVILLE	DATE: 09/30/15	SCALE: AS SHOWN	DRAWING NO. 134685-Figure 5	SHEET NO.

File: U:\Project\134685\30\Figure 5 - Waste Characterization and Sample Locations.dwg
Plot Date/Time: Sep 30, 2015 - 7:20pm
Plotted By: derrick.gardner





0 15 30 60

1"=30'

GENERAL NOTES:

- HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), NEW YORK STATE PLANE COORDINATE SYSTEM, WESTERN ZONE AS PER PLANS BY SHAW, DRAWING NUMBER 134685-2208, DATED APRIL 19, 2013.
- VERTICAL DATUM IS SITE SPECIFIC.
- FINAL CONDITIONS SHOWN ON THIS MAP ARE FROM INFORMATION GATHERED BY WENDEL ON JUNE 18, 2015.

LEGEND:

- FENCE (TYPE NOTED)
- GAS LINE
- 640 MAJOR CONTOUR LINE
- 636 MINOR CONTOUR LINE
- LIMITS OF SURVEY
- PROPERTY LINE/ LIMITS OF ENVIRONMENTAL EASEMENT
- STORM LINE
- WOODS LINE

CH.=CHAIN
BIT.=BITUMINOUS
DS=DRAINAGE STRUCTURE
ELEV.=ELEVATION
FNC=FENCE
INV.=INVERT
HDPE=HIGH DENSITY POLYETHYLENE
635.05 GROUND ELEVATION

PREPARED FOR
HORIZON ENVIRONMENTAL

590A CALLERY ROAD
CRANBERRY TOWNSHIP, PA
16066

DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL
REMEDIATION
ALTECH SPECIALTY STEEL OU2A
WILLOWBROOK POND CLOSURE
SITE NO.: 907022
CONTRACT NO.: D008535
CITY OF DUNKIRK
CHAUTAUQUA COUNTY,
NEW YORK

Shaw E & I Engineering of New York, P.C.

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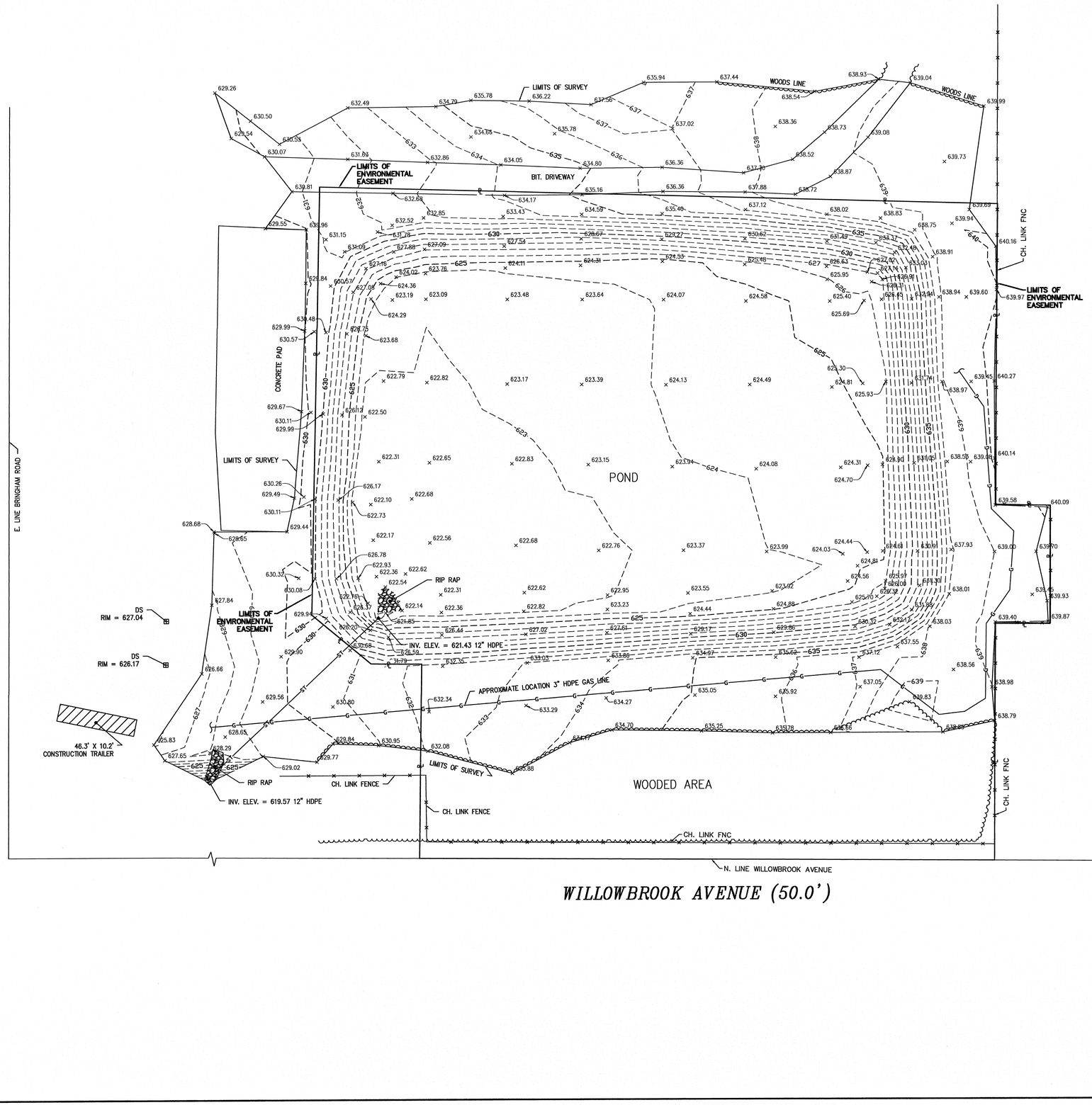
NO. BY	REVISIONS	DATE

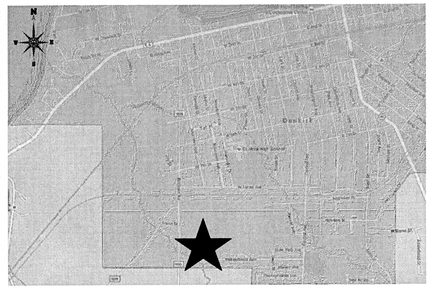
DWG. TITLE

FIGURE 4
FINAL SURVEY

DATE	9/30/2015		
SCALE	1"=30'		
DWN.	BSS	CHK.	RNJ
PROJ. No.	426906		
SHT. No.			

FIGURE 4





N

0 15 30 60

1"=30'

GENERAL NOTES:

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- VERTICAL DATUM IS SITE SPECIFIC.
- FINAL CONDITIONS SHOWN ON THIS MAP ARE FROM INFORMATION GATHERED BY WENDEL ON JUNE 18, 2015.

LEGEND:

- FENCE (TYPE NOTED)
- GAS LNE
- 640 MAJOR CONTOUR LINE
- 636 MINOR CONTOUR LINE
- LIMITS OF SURVEY
- PROPERTY LINE/ LIMITS OF ENVIRONMENTAL EASEMENT
- STORM LINE
- WOODS LINE

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635.05 GROUND ELEVATION

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DIVISION OF ENVIRONMENTAL
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ALTECH SPECIALTY STEEL OU2A
WILLOWBROOK POND CLOSURE
SITE NO: 907022
CONTRACT NO: D008535
CITY OF DUNKIRK
CHAUTAUQUA COUNTY,
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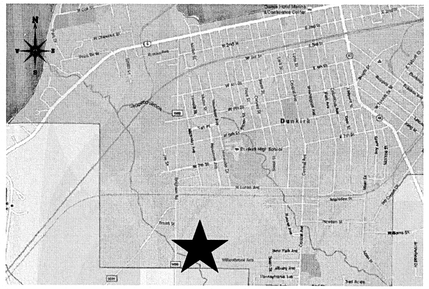
STATE OF NEW YORK
MARSHALL D. WILSON
No. 050192
LICENSED LAND SURVEYOR

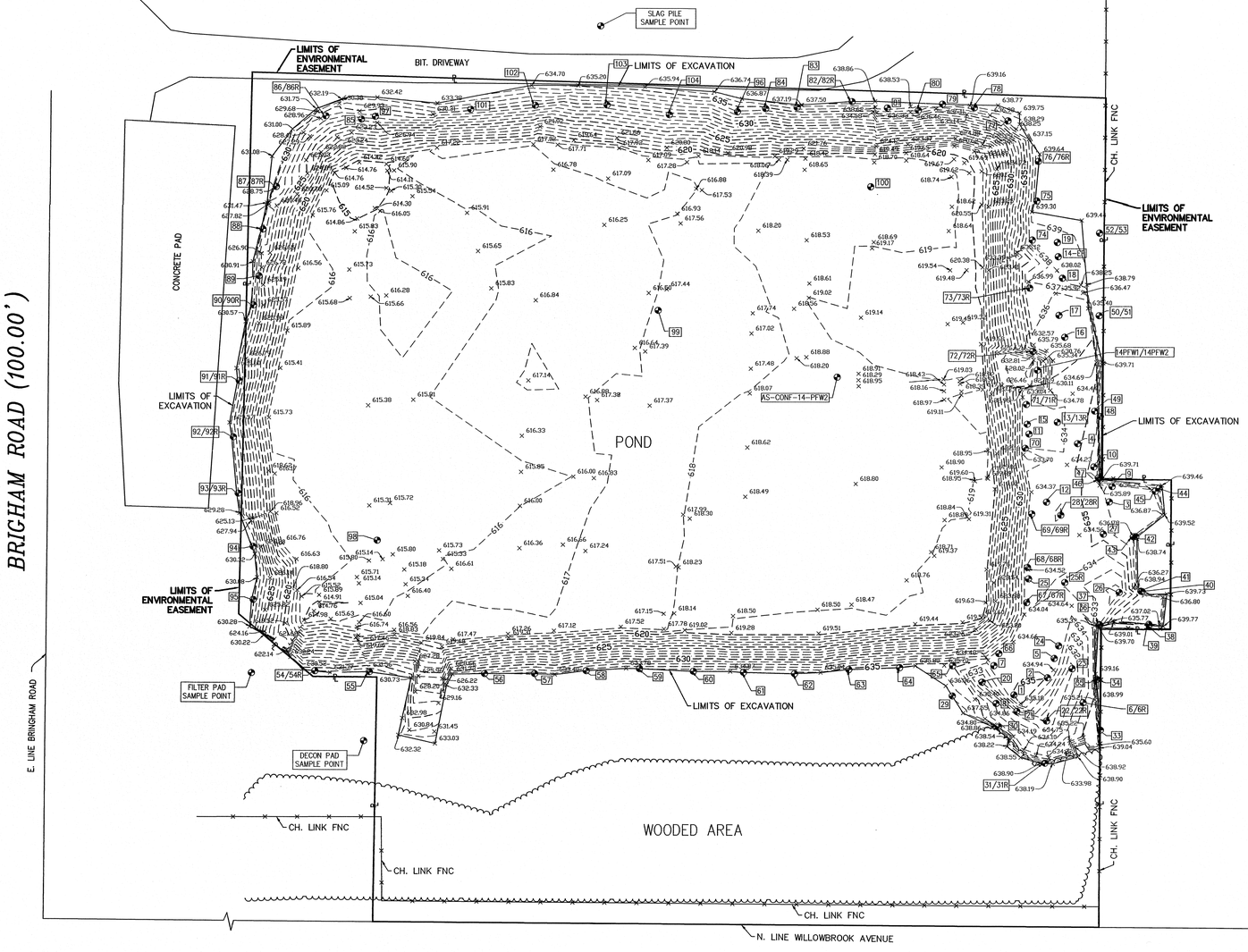
NO.	BY.	REVISIONS	DATE

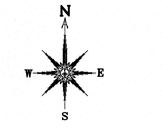
DWG. TITLE

FINAL CONDITIONS MAP

DATE	6/23/2015
SCALE	1"=30'
DWN.	BSS CHK. RNJ
PROJ. No.	426906
SHT. No.	2 OF 2







GENERAL NOTES:

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- VERTICAL DATUM IS SITE SPECIFIC.
- BOTTOM OF EXCAVATION CONDITIONS SHOWN ON THIS MAP ARE FROM INFORMATION GATHERED BY WENDEL IN NOVEMBER 2014.

LEGEND:

- FENCE (TYPE NOTED)
- 640 MAJOR CONTOUR LINE
- 636 MINOR CONTOUR LINE
- ℄ PROPERTY LINE/ LIMITS OF ENVIRONMENTAL EASEMENT
- LIMITS OF EXCAVATION

BIT.=BITUMINOUS
CH.=CHAIN
E.=EAST
ELEV.=ELEVATION
FNC=FENCE
INV.=INVERT
N.=NORTH
S.=SOUTH
W.=WEST
HDPE=HIGH DENSITY POLYETHYLENE
× 635.05 GROUND ELEVATION
[32] COMPOSITE SOIL SAMPLE
[32R] COMPOSITE SOIL RE-SAMPLE

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DEPARTMENT OF
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DIVISION OF ENVIRONMENTAL REMEDIATION
ALTECH SPECIALTY STEEL OU2A
WILLOWBROOK POND CLOSURE
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STATE OF NEW YORK
MARSHALL D. WILSON
No. 050192
LICENSED LAND SURVEYOR

REVISIONS	DATE

DWG. TITLE

BOTTOM OF EXCAVATION

DATE	6/23/2015
SCALE	1"=30'
DWN.	BSS CHK. RNJ
PROJ. No.	426906
SHT. No.	

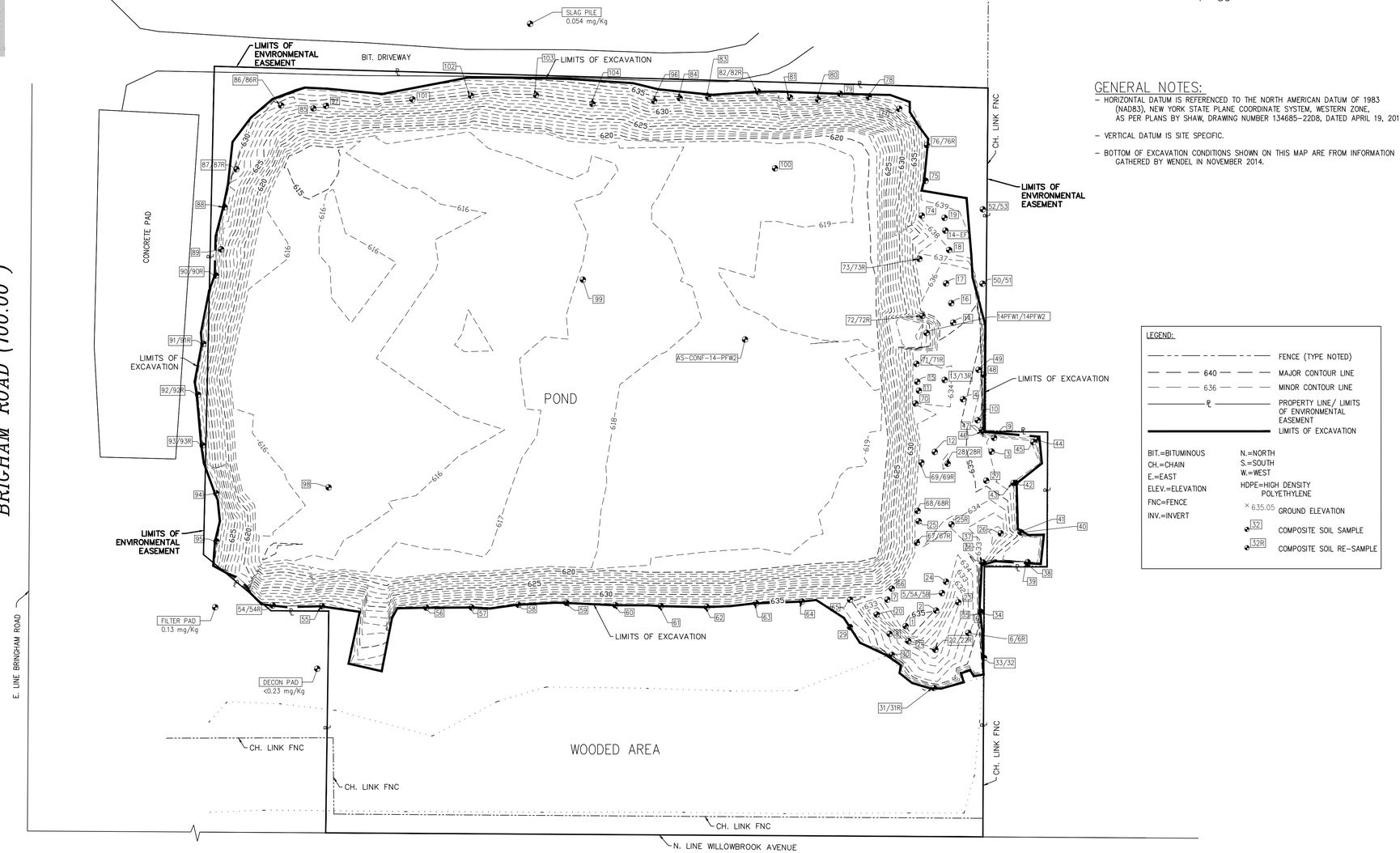
Abreviated ID	PCB Results (mg/Kg)
1	44
2	5.9
3	1.16
4	47
5	890
5A	1300
5A	1100*
5B	1000
5B	270*
6	57
6R	59
6R	26*
7	6.8
8	14.4
9	1.52
10	41
11	90
12	5.1
13	0.4
13R	0.42
14	2.5
14R	0.15
14EF	1500
14PF	0.18
14PFW1	0.19
14PFW2	0.24
15	7
16	37
17	3
18	0.64
19	3.2
20	0.29
21	0.53
22	31
22R	0.76
23	0.16
24	0.2
25	1.6
25R	0.63
26	0.91
27	<0.25
28	3.2
28R	0.18
29	0.22
30	<0.24
31	2.9
31R	<0.22
32	37
33	1.2
34	60
35	4.1
36	270
37	0.52
38	4.4
39	37
40	220
41	9.2
42	1.1

Abreviated ID	PCB Results (mg/Kg)
43	0.4
44	2
45	0.54
46	4.1
47	1.3
48	6.1
49	0.68
50	80
51	110
52	1.4
53	1.5
54	3.9
54R	<0.26
55	0.1
56	<0.27
57	<0.21
58	<0.26
59	0.82
60	<0.22
61	<0.26
62	<0.21
63	<0.23
64	0.25
65	0.51
66	<0.26
67	3.2
67R	<0.19
68	12
68R	<0.23
69	2.8
69R	<0.21
70	0.29
71	5.2
71R	<0.19
72	1.5
72R	<0.24
73	1.4
73R	0.049
74	0.32
75	0.21
76	2.7
76R	<0.20
77	<0.26
78	<0.22
79	<0.21
80	<0.26
81	<0.26
82	<0.21
82R	<0.23
83	0.079
84	0.24
85	0.1
86	1.8
86R	<0.27
87	2.8
87R	<0.20
88	0.96
89	0.34

Abreviated ID	PCB Results (mg/Kg)
90	3.2
90R	0.29
91	1.1
91R	<0.19
92	4.4
92R	<0.19
93	4.8
93R	<0.21
94	0.87
95	0.45
96	0.08
97	0.094
98	<0..26
99	<0.23
100	<0.22
101	<0.28
102	<0.23
103	<0.28
104	<0.27

NOTES:

1) * 5A, 5B, AND 6R INDICATES SAMPLES WERE ANALYZED BY ALS LABORATORIES.
2) REFERENCE APPENDICES AND TABLES FOR FULL ANALYTICAL SUMMARY AND DATA PACKAGES.
3) THE IDS SHOWN ARE ABBREVIATED, SEE THE APPENDICES AND TABLES FOR THE FULL NAME DESCRIPTION.
4) ONLY PCB RESULTS ARE PROVIDED FOR CONFIRMATION AND PRE/POST CHARACTERIZATION SAMPLES. SEE SUMMARY TABLES AND APPENDICES FOR FULL ANALYTICAL DATA RESULTS.



GENERAL NOTES:

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LEGEND:

- FENCE (TYPE NOTED)
- 640 MAJOR CONTOUR LINE
- 636 MINOR CONTOUR LINE
- PROPERTY LINE/ LIMITS OF ENVIRONMENTAL EASEMENT
- LIMITS OF EXCAVATION

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HDPE=HIGH DENSITY POLYETHYLENE

× 635.05 GROUND ELEVATION
32 COMPOSITE SOIL SAMPLE
32R COMPOSITE SOIL RE-SAMPLE

PREPARED FOR
HORIZON ENVIRONMENTAL

590A CALLERY ROAD
CRANBERRY TOWNSHIP, PA
16066

DEPARTMENT OF
ENVIRONMENTAL CONSERVAT
DIVISION OF ENVIRONMENTA
REMEDIATION
ALTECH SPECIALTY STEEL OI
WILLOWBROOK POND CLOSU
SITE NO.: 907022
CONTRACT NO.: D008535
CITY OF DUNKIRK, NY
CHAUTAUQUA COUNTY
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Shaw E & I Engineering of Nev

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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

REVISIONS	DATE

DWG. TITLE

FIGURE 3
POST EXCAVATION
SURVEY LOCATIONS

DATE	9/30/2015
SCALE	1"=30'
DWN.	BSS CHK. RNJ
PROJ. No.	426906
SHT. No.	

FIGURE 3

OFFICE *LATHAM, NY*

DRAWING NUMBER 134685-Figure 2

VERIFY SCALE 0 1"

RFI-23 · WP-1 · WP-2 · WP-3 · WP-4 · WP-5 · WP-7 · WP-8 · RFI-14 · RFI-15 · BR-1 · BR-2 · BR-3 · BR-4

E 943,000 · E 943,250 · N 900,750 · N 900,500

SPECIAL METALS CORPORATION

RECYCLE WATER POND
(WILLOWBROOK POND)

BRICK BLDG.

CONCRETE · ASPHALT · GRAVEL

EXISTING WELL POINT

PROCESS PIPIING

CHAIN LINK FENCE

APPROXIMATE CENTER OF CREEK

DISCHARGE · OVERFLOW

HYDRANT · WATER VALVE

REFERENCES:

1. EXISTING SITE CONDITIONS TAKEN FROM DRAWING PREPARED BY RAZAK ASSOCIATES, PENFIELD, NEW YORK, 14526, DATED 8-11-2011.
2. COORDINATE SYTEM SHOWN IS BASED ON STATE PLANE NAD 1983, NEW YORK WEST.

SCALE 0 25 50 75 FEET

REV	DESCRIPTION / ISSUE	DATE	APPROVED

Shaw® Shaw E & I Engineering of New York, P.C.

DESIGNED BY: M. SAUSVILLE	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DRAWN BY: D. GARDNER	PRECONSTRUCTION EXISTING CONDITIONS ALTECH SPECIALTY STEEL CONTRACT NO. D008535 DUNKIRK, NEW YORK
CHECKED BY: M. SAUSVILLE	

APPROVED BY:	DATE:	SCALE:	DRAWING NO.	SHEET NO.
M. SAUSVILLE	09/30/15	AS SHOWN	134685-Figure 2	

File: U:\Project\134685\30\Figure 2 - Existing Conditions Survey.dwg
Plot Date/Time: Sep 30, 2015 - 8:02pm
Plotted By: derrick.gardner